### • Supplementary Catalogue 4 to Full Line Catalog W4 Volume 1 and Volume 2

NEU NEW NOUVEAU NUOVO 新製品 NOVO HOBЫЙ



- Rail-Mounted Terminal Block Systems
  - PCB Terminal Blocks and Connectors



NOWOŚĆ NYHET NUEVO UUTUUS 신제품 - **-** 고 NIEUW NY

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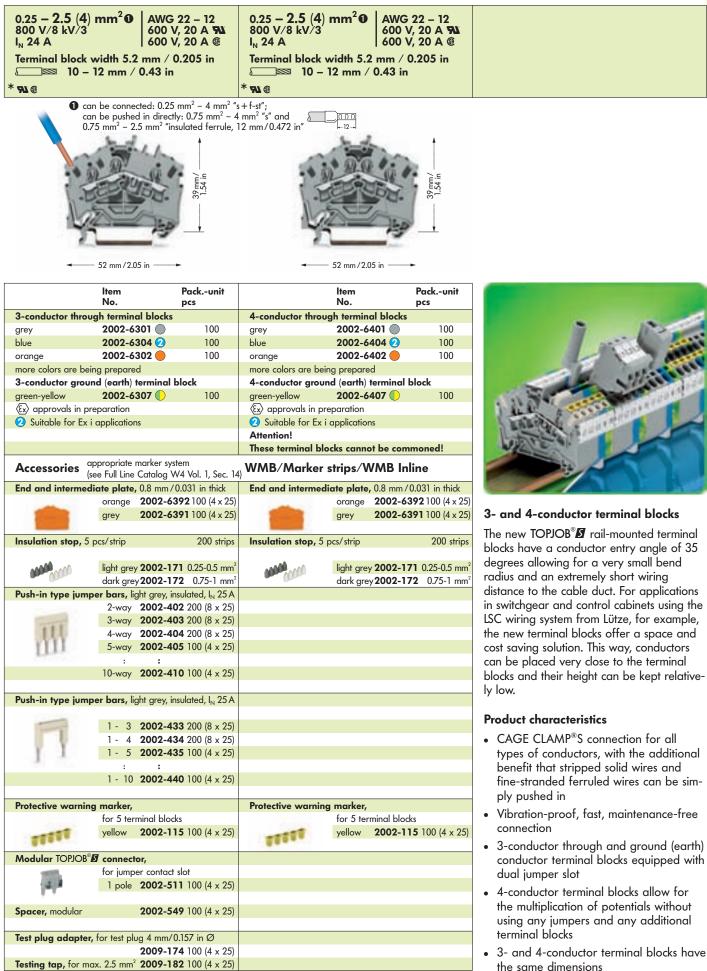
**W**AGO<sup>®</sup>

1	TOPJOB® <i>5</i> Double Potential Terminal B Series 2001	locks 1.5 (2.5) mm²/AWG 16	2.5 (4) mm²/AWG 12 Series 2002
VOLUME 1	$\begin{array}{c c} 0.25 - 1.5 & (2.5) \ mm^2 \bullet \\ 800 \ V/8 \ kV/3 \\ I_N \ 18 \ A & (24 \ A) \\ \hline \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		$\begin{array}{c c} 0.25 - \textbf{2.5} & (\textbf{4}) \ \textbf{mm}^2 \textbf{@} \\ 800 \ V/8 \ kV/3 \\ I_N \ 24 \ A & (32 \ A) \\ \end{array}  \begin{array}{c c} \text{AWG } 22 - 12 \\ I_N \ 24 \ A & (32 \ A) \\ \hline \textbf{Terminal block width } 5.2 \ \textbf{mm} \ / \ 0.205 \ \textbf{in} \\ \hline \textbf{@} \hline \end{array}  \begin{array}{c c} 10 - 12 \ \textbf{mm} \ / \ 0.43 \ \textbf{in} \end{array}$
	<ul> <li>can be connected: 0.25 mm<sup>2</sup> - 2.5 m can be pushed in directly: 0.5 mm<sup>2</sup> - 0.75 mm<sup>2</sup> - 1.5 mm<sup>2</sup> "insulated ferror 0.75 mm<sup>2</sup> - 1.5 mm<sup>2</sup> matching for the form of the f</li></ul>	2.5 mm <sup>2</sup> "s" and can be	connected: 0.25 mm <sup>2</sup> - 4 mm <sup>2</sup> "s + f-st"; pushed in directly: 0.75 mm <sup>2</sup> - 4 mm <sup>2</sup> "s" and n <sup>2</sup> - 2.5 mm <sup>2</sup> "insulated ferrule, 12 mm /0.472 in"

	Item No.	pcs	Item No.	pcs
Double potential t	erminal block,		Double potential terminal block,	
grey	2001-1441	100	grey 2002-1441	100
Attention! This doub			Attention! This double potential term	
commoned with pus	h-in type jumper bo	ars!	commoned with push-in type jumper	bars!
Accessoires	appro	opriate marking sy	ystem WMB/Marker strips (see Full Line Catalog W4 Volume 1, Section 14)	
End and intermed	iate plate, 0.8 mm	v /0.331 in thick	End and intermediate plate, 0.8 r	nm / 0.331 in thick
-		<b>1492</b> 100 (4 × 25)		2-1492 100 (4 × 25)
1000	grey 2002-	1491 100 (4 × 25)	grey 200	2-1491 100 (4 × 25)
Insulation stop , 5	pcs/strip	200 strips	Insulation stop , 5 pcs/strip	200 strips
•				
00000	light grey 2001-	<b>171</b> 0.25-0.5 mm <sup>2</sup>		<b>1-171</b> 0.25-0.5 mm <sup>2</sup>
				<b>2-172</b> 0.75-1 mm <sup>2</sup>
			Protective warning marker,	
			for 5 terminal	
			yellow 200	<b>2-115</b> 100 (4 × 25)
Double potential ter			Double potential terminal blocks are	
Two independent the in one insulated hou			Two independent through terminal b in one insulated housing on one leve	
the housing is only 4			the housing is only 5.2 mm/0.205 in	
standard through te			standard through terminal blocks, the	
2.1 mm/0.083 in.			2.6 mm/0.103 in.	
Input and output co the same side of the			Input and output contacts of one circ the same side of the terminal block.	
be individually mark			be individually marked according to	

#### TOPJOB® 3- and 4-Conductor Rail-Mounted Terminal Blocks 2.5 (4) mm<sup>2</sup>/AWG 12, Series 2002





\* Further approvals with corresponding ratings can be found at www.wago.com

/OLUME

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- types of conductors, with the additional fine-stranded ferruled wires can be sim-
- conductor terminal blocks equipped with



#### TOPJOB<sup>®</sup> Modular Connectors Series 2001/2002/2004

1

	0.25 – <b>1.5</b> ( <b>2.5</b> ) mm <sup>2</sup> <b>0</b>	AWG 22 – 14	0.25 – <b>2.5</b> ( <b>4</b> ) mm <sup>2</sup> ❷	AWG 22 – 12	0.5 – 4 (6) mm²	AWG 20 – 10
_	500 V/6 kV/3	300 V, 15 A 94	500 V/6 kV/3	300 V, 20 A <b>FN</b>	500 V/6 kV/3	300 V, 30 A 91
ц.	I <sub>N</sub> 18 A	300 V, 15 A @	I <sub>N</sub> 24 A	300 V, 20 A @	I <sub>N</sub> 32 A	300 V, 30 A @
M	Terminal block width 4.2 m	m / 0.165 in	Terminal block width 5.2 m	m / 0.205 in	Terminal block width 6.2 m	m / 0.244 in
2	9 – 11 mm / 0.3	9 in		43 in		47 in
NOI	* <b>91</b> @		* 91 @		* <b>91</b> @	







	ltem No.	Packunit pcs		ltem No.	Packunit pcs		ltem No.	Packunit pcs
Modular T	OPJOB <sup>®</sup> S connectors		Modular TO	PJOB <sup>®</sup> S connectors		Modular T	<b>OPJOB<sup>®</sup>S</b> connector	s
with CAGE	E CLAMP <sup>®</sup> S connection	<b>n,</b> modular, grey,	with CAGE	CLAMP <sup>®</sup> S connectio	<b>n,</b> modular, grey,	with CAG	E CLAMP <sup>®</sup> S connect	<b>ion,</b> modular, grey,
1 pole	2001-511	100 (4 × 25)	1 pole	2002-511	100 (4 × 25)	1 pole	2004-511	100 (4 x 25)
Spacer, for	bridging over commone	ed terminal blocks,	Spacer, for b	oridging over commor	ned terminal blocks,	Spacer, for	· bridging over comm	oned terminal blocks,
for example	e, modular, grey		for example,	modular, grey		for example	e, modular, grey	
	2001-549	100 (4 × 25)		2002-549	100 (4 × 25)		2004-549	100 (4 x 25)
<ol> <li>can be</li> </ol>	connected: 0.25 mm <sup>2</sup> – 2	2.5 mm² "s + f-st";	🛛 can be co	onnected: 0.25 mm <sup>2</sup> –	4 mm <sup>2</sup> "s + f-st";	🛭 can be	connected: 0.5 mm <sup>2</sup> –	6 mm <sup>2</sup> "s + f-st";
can be	pushed in directly: 0.5 m	m² – 2.5 mm² "s"	can be pu	ushed in directly: 0.75	mm <sup>2</sup> – 4 mm <sup>2</sup> "s"	can be	pushed in directly: 1 n	nm <sup>2</sup> – 6 mm <sup>2</sup> "s" and
and 0.7	5 mm² – 1.5 mm² "insula	ted ferrule,	and 0.75	mm² – 2.5 mm² "insul	ated ferrules,	0.75 mr	n <sup>2</sup> – 4 mm <sup>2</sup> "insulated	ferrule,
12 mm/	/0.472 in″		12 mm/0	.472 in″		12 mm/	/0.472 in"	
ltem-spo	ecific accessories		ltem-spee	cific accessories	;	Item-sp	ecific accessorie	es
End plate,	1.5 mm/0.059 in thick		End plate, 1	.5 mm/0.059 in thick		End plate,	1.5 mm/0.059 in thic	<
	grey 200	<b>2-541</b> 100 (4 × 25)		grey 20	02-541 100 (4 x 25)	- O	grey 2	002-541 100 (4 x 25)
100						100		
100			100			100		
WMB Mul	ti marking card, 10 stri	ps with 10 markers	WMB Multi	marking card, 10 st	rips with 10 markers	WMB Mul	ti marking card, 10	strips with 10 markers
(and showing	each, white with	black printing,	(the property of	each, white with	n black printing,	(teamonia)	each, white w	ith black printing,
10000	4 - 4.2 mm/0.15	7 - 0.165 in wide	1 months and	5 - 5.2 mm/0.1	97 - 0.205 in wide	10000	5 – 5.2 mm/0	.197 - 0.205 in wide
(management)	793-4	5 cards	(management)	793-5	5 cards	(and the second	793-5	5 cards
	794-4	5 cards		794-5	5 cards		794-5	5 cards
see Full Line	e Catalog W4 Volume 1,	, Section 14	see Full Line (	Catalog W4 Volume	I, Section 14	see Full Line	e Catalog W4 Volume	e 1, Section 14



Snapping together of connectors and spacers to assemble a multi-pole connector



Wire connection: Screwdriver actuation for connection of all conductor types, i.e. stripped stranded conductors, or push-in connection of solid or ferruled stranded conductors.



Snapping on a strain relief plate

Accessories	for TOPJC	B®S coni	nectors	appropriate marke	r system <b>\</b>	NMB/Mar	<b>ker strips</b> (s	ee Full Line Catal	og W4 Volum	ne 1, Section 14)	
Test plug, with a	able 500 mm/	1'7.7"		Strain relief pla	<b>ite,</b> grey			Marker strips,	withe, plain,	on roll	
1	2.3 mm/0.0	91 in Ø		-	snappa	ble onto conne	ctor strips		11 mm/(	).039 in wide	
	yellow	210-137	50 (5 x 10)	100				Q.	50 m	2009-110	1
-				-							
Test plug, with a	able 500 mm/	1'7.7"		6 mm / 0.236	in wide	734-327	100 (4 x 25)	Marker strips,	withe, plain,	on roll	
1	2 mm/0.079	in Ø		12.5 mm/0.492	in wide	734-328	100 (4 x 25)		11 mm/(	).039 in wide	
	red	210-136	50 (5 x 10)	25 mm/0.984	in wide	734-329	100 (4 x 25)	DR	300 m	2009-130	1
-				35 mm / 1.378	in wide	734-326	100 (4 x 25)				

\* Further approvals with corresponding ratings can be found at www.wago.com

## TOPJOB<sup>®</sup> Connector Strips Series 2001/2002/2004



-		300 V, 15 A 300 V, 15 A m / 0.165 in	0.25 – <b>2.5</b> ( <b>4</b> ) mm <sup>2</sup> ❷ 500 V/6 kV/3 I <sub>N</sub> 24 A Terminal block width 5.2 r € 10 – 12 mm / 0	300 V, 20 A 300 V, 20 A mm / 0.205 in	0.5 – 4 (6) mm <sup>2</sup>		/OLUME 1
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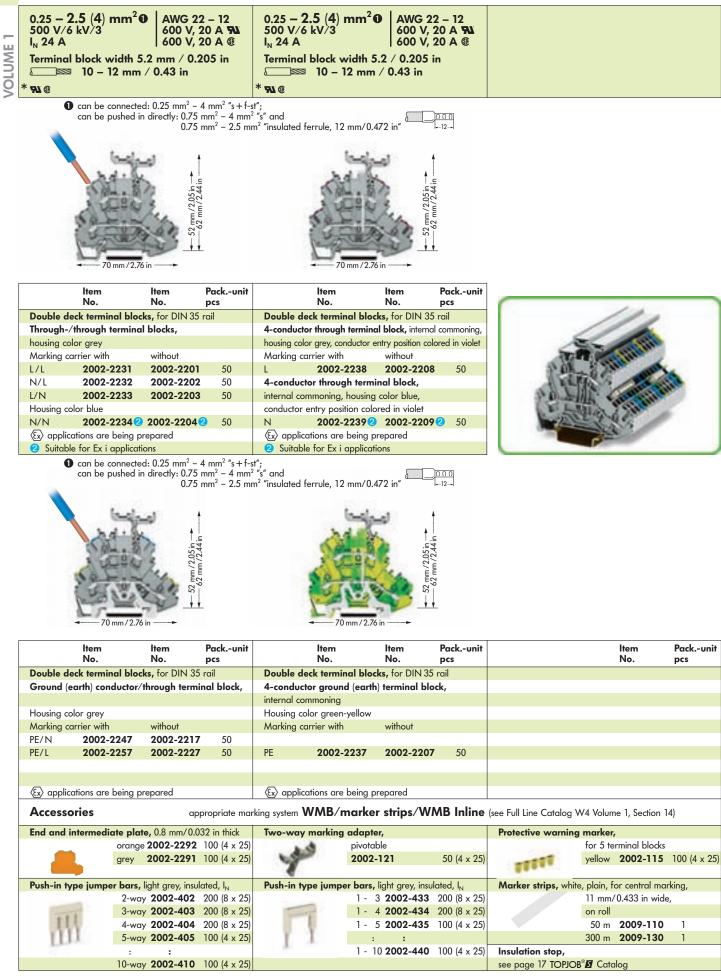




	ltem No.	Packunit pcs		ltem No.	Packunit pcs		ltem No.	Pac pcs	:kunit
Modular TC	PJOB <sup>®</sup> S connector s	<u> </u>	Modular TC	PJOB <sup>®</sup> S connector st		Modular T	OPJOB <sup>®</sup> S connector s	<u> </u>	,
	CLAMP <sup>®</sup> S connection			CLAMP <sup>®</sup> S connection	•		CLAMP <sup>®</sup> S connectio		arev
2-pole	2001-552	n, modular, grey,	2-pole	2002-552	, modulal, grey,	2-pole	2004-552	<b>n,</b> modulul, (	grey,
3-pole	2001-553		3-pole	2002-553		3-pole	2004-553		
4-pole	2001-554		4-pole	2002-554		4-pole	2004-554		
5-pole	2001-555		5-pole	2002-555		5-pole	2004-555		
6-pole	2001-556		6-pole	2002-556		o pole	2001 000		
7-pole	2001-557		7-pole	2002-557					
8-pole	2001-558		8-pole	2002-558					
9-pole	2001-559		9-pole	2002-559					
10-pole	2001-560		10-pole	2002-560					
	onnected: 0.25 mm <sup>2</sup> -	2.5 mm <sup>2</sup> "s + f-st";		onnected: 0.25 mm <sup>2</sup> – 4	mm² ″s + f-st″;	🛛 can be c	connected: 0.5 mm² – 6	$mm^2$ "s + f-s	;t";
can be p	ushed in directly: 0.5 n	nm <sup>2</sup> – 2.5 mm <sup>2</sup> "s"	can be p	ushed in directly: 0.75 r	$nm^2 - 4 mm^2 "s"$	can be p	oushed in directly: 1 mr	$n^2 - 6 \text{ mm}^2$ "s	s" and
	mm <sup>2</sup> – 1.5 mm <sup>2</sup> "insula			mm <sup>2</sup> – 2.5 mm <sup>2</sup> "insula			n <sup>2</sup> – 4 mm <sup>2</sup> "insulated fe		
12 mm/	0.472 in"		12 mm/0	).472 in″			0.472 in"		
ltem-spe	cific accessories		ltem-spe	cific accessories		ltem-spe	ecific accessories		
WMB Multi	marking card, 10 str	ips with 10 markers	WMB Multi	marking card, 10 stri	ps with 10 markers	WMB Mult	<b>i marking card,</b> 10 st	rips with 10 n	narker
Contraction of the	each, white with	•	interested.	each, white with		interested.	each, white with	•	
-	4 - 4.2 mm/0.15	57 - 0.165 in wide	( interesting to the second	5 - 5.2 mm/0.19	7 - 0.205 in wide	( interesting to the second	5 - 5.2 mm/0.1	97 - 0.205 in	wide
(and the second	793-4	5 cards		793-5	5 cards		793-5		5 cai
	794-4	5 cards		794-5	5 cards		794-5		5 car
ee Full Line	Catalog W4 Volume 1	, Section 14	see Full Line	Catalog W4 Volume 1,	Section 14	see Full Line	Catalog W4 Volume	, Section 14	
			Miniature V	/SB Quick marking c	ard,				
				10 strips with 10	markers each,		11 14		
	2/3	100		white with black	printing,		8 8		
-		10		5 mm / 0.197 in v	vide	-		- 347	
		10		248	5 cards		ATT -		
s - 8				249	5 cards				
	1 1	-	see Full Line	Catalog W4 volume 1,	section 14			-	-
	0		WMB Inline	, pitch 5 mm/0.197 in, :	strechable		- 24	1	
	Distant D			5 mm – 5.2 mm/	0.197 in – 0.205 in,	1		-	
	and there are		16.5	on roll, 1,500 mc	ırkers	24			
				withe 200	<b>9-115</b> 1	14	CLUB P		
	onnectors provide an a on for conductors of th is the terminal blocks b	ne same cross					tor has a test socket foi 191 in test plugs.	2 mm/0.079	9 in or

Test plug, with	cable 500 mr	n/1'7.7"		Strain relief plate, grey			Marker strips,	withe, plain,	on roll	
1	2.3 mm/0	).091 in Ø		snappo	ble onto conne	ctor strips		11 mm/0	0.039 in wide	
1	yellow	210-137	50 (5 x 10)	100			S	50 m	2009-110	
-				the second se						
Test plug, with	cable 500 mr	n/1' <b>7.7</b> "		6 mm / 0.236 in wide	734-327	100 (4 x 25)	Marker strips,	withe, plain,	on roll	
1	2 mm/0.0	179 in Ø		12.5 mm/0.492 in wide	734-328	100 (4 x 25)		11 mm/	0.039 in wide	
	red	210-136	50 (5 x 10)	25 mm / 0.984 in wide	734-329	100 (4 x 25)	DR	300 m	2009-130	
1				35 mm / 1.378 in wide	734-326	100 (4 x 25)				

#### TOPJOB<sup>®</sup> Double Deck Terminal Blocks 2.5 (4) mm<sup>2</sup>/AWG 12 Series 2002

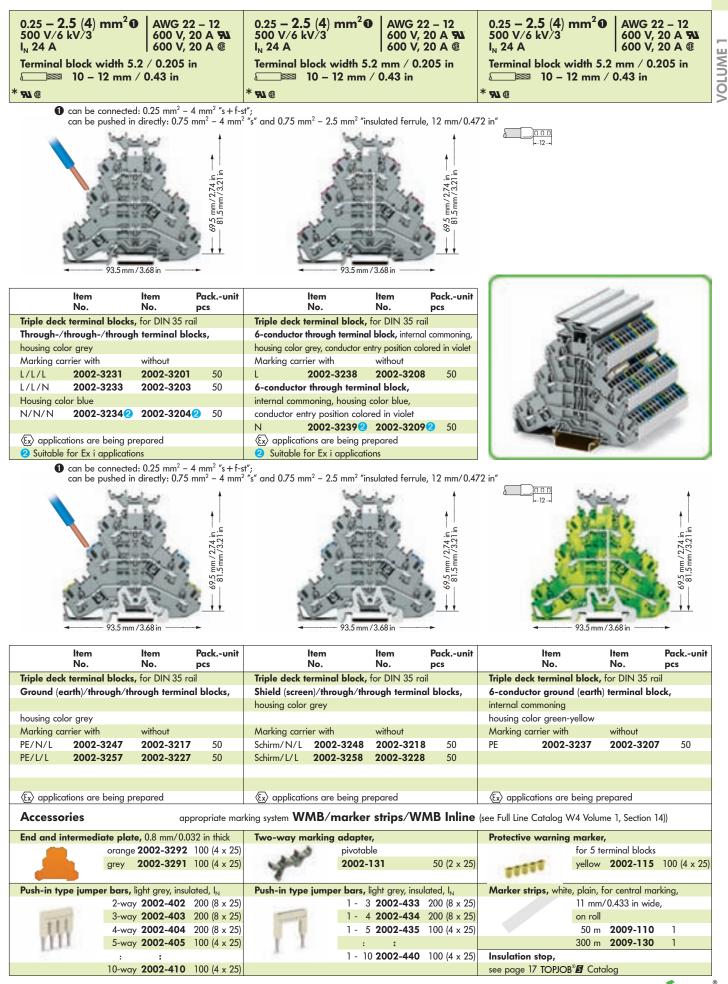


\* Further approvals with corresponding ratings can be found at www.wago.com

#### TOPJOB<sup>®</sup> Triple Deck Terminal Blocks 2.5 (4) mm<sup>2</sup>/AWG 12 Series 2002



/// =



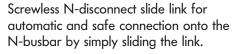
# 



Push-in type jumper bars with breakable contact lugs offer the same benefits to the TOPJOB<sup>®</sup> installation terminal blocks as to the rail-mounted terminal blocks (e.g. individual jumper configuration on site, skipping of potentials, etc.).

Very compact dimensions provide maximum wiring space in standard distribution boxes. The 2003 Series multilevel installation terminal blocks are the smallest terminal blocks with direct insertion wire connection on the market providing the full functionality of a 4 mm<sup>2</sup>/AWG 12 terminal block.

Einspeisun





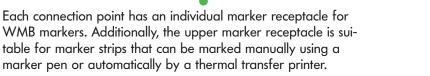
The busbar carrier with end stop function, which is only 7.5 mm/ 0.295 in wide can replace end stop.

The detachable separator plate on the carrier can be used both for separating the different potentials of N-busbars that are directly next to each other or as a touch-proof end plate for an N-busbar.



The compact busbar carrier, which is placed every 200 mm / 7.87 in, is used to additionally support the busbar on a long assembly.

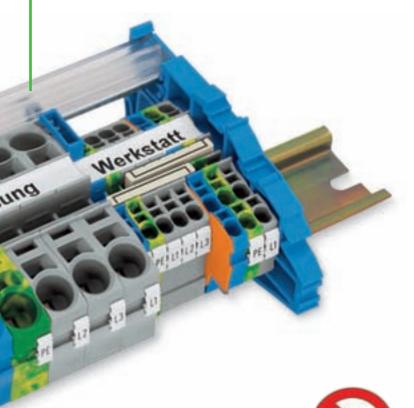
Perforations make it possible to fit the carrier to all TOPJOB<sup>®</sup> installation terminal blocks using a single part.





Commoning is done using the new staggered jumper system in one single TOPJOB<sup>®</sup> jumper slot. The multilevel installation terminal blocks of Series 2003 are therefore suitable for use in very confined spaces.

The optional busbar transparent cover (item no. 777-303) protects the busbar against accidental contact and makes it easy to see which terminal blocks are connected to the busbar.



**Environmentally** 

TOPJOB<sup>®</sup> terminal blocks

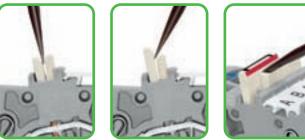
are 100 % lead-free!

friendly:



#### **Removal of staggered jumpers**

Insert the screwdriver blade between the jumpers and lift them up.





#### TOPJOB<sup>®</sup> - The range of terminal blocks for all types of applications.

- The direct connection of solid wires in small distribution boxes saves time and money.
- Operating errors can be prevented as all types of terminal blocks for building installation are equipped with push-in connection technology.



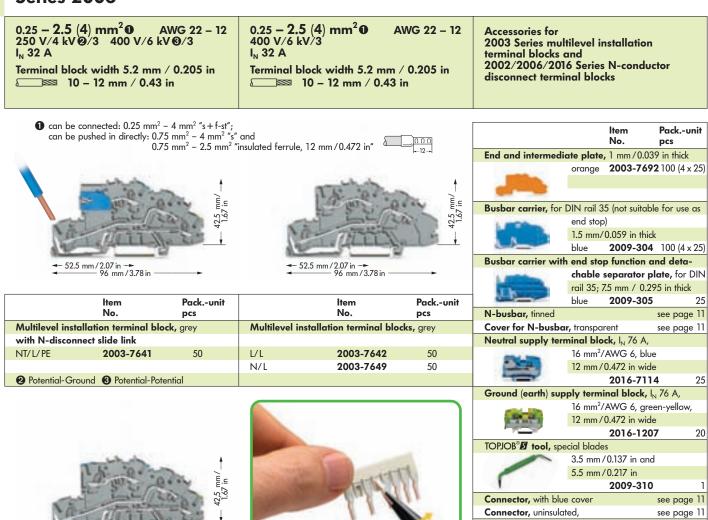
- Terminal blocks for building installation expand circuit design possibilities.
- The use of standard accessories reduces order-processing and stock-holding costs.
- A high level of application safety is achieved through optimum knowledge of the small range of parts.
- As the position of the busbars is the same, the new TOPJOB<sup>®</sup> installation terminal blocks are compatible with standard topJob installation terminal blocks.

The conductor entry holes of the multilevel installation terminal blocks are color marked, providing a clear arrangement of the terminals.

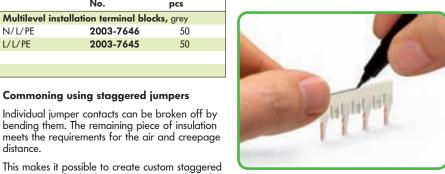
The grounding foot automatically guarantees a safe connection to the carrier rail.



#### TOPJOB<sup>®</sup> Multilevel Installation Terminal Blocks 4 mm<sup>2</sup>/AWG 12 Series 2003

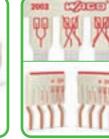


Staggered jumper with 7 contacts Breaking off contact lugs

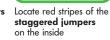


**Staggered jumper 1 – 3 – 5 – 7** Marking with a felttip pen





Two staggered jumpers 1 - 3 - 5 - 7 staggered for use in a jumper slot



	blue 2009-304 100	(4 x 23)
Busbar carrier wit	th end stop function and de	eta-
1	chable separator plate,	or DIN
100	rail 35; 7.5 mm / 0.295 in t	hick
	blue <b>2009-305</b>	25
N-busbar, tinned	see p	age 11
Cover for N-busb		age 11
	rminal block, I <sub>N</sub> 76 A,	
	16 mm²/AWG 6, blue	
- And	12 mm / 0.472 in wide	
a second	2016-7114	25
Current (a suite) and		25
Ground (earth) su	pply terminal block, I <sub>N</sub> 76 A	
	16 mm²/AWG 6, green-yel	low,
A seal of	12 mm / 0.472 in wide	
	2016-1207	20
TOPJOB <sup>®</sup> tool, sp		
	3.5 mm/0.137 in and	
	5.5 mm / 0.217 in	
1	2009-310	1
Connector, with blu	Je cover see p	age 11
Connector, uninsulo	ated, see p	age 11
	er bars, light grey, insulated,	
	2-way 2002-402 200	
	3-way 2002-403 200	
The local diversity of	4-way <b>2002-404</b> 200	
111	5-way <b>2002-405</b> 100	
1111		τ× 23/
LUM	10-way <b>2002-410</b> 100	(4 ~ 25)
	10-wdy 2002-410 100	4 x 23)
Duch in two iums	er bars, light grey, insulated,	1 25 4
Push-in type jump		
-	1 - 3 <b>2002-433</b> 200	
and the second s	1 - 4 <b>2002-434</b> 200	
N	1 - 5 <b>2002-435</b> 100	(4 x 25)
1 1	: :	
	1 - 10 <b>2002-440</b> 100	(4 x 25)
Staggered jumper	, light grey, insulated, $I_N$ 25 A	
	2-way <b>2002-472</b> 100	• •
	3-way 2002-473 100	(4 x 25)
No W R	4-way 2002-474 100	(4 x 25)
A CONTRACTOR OF CONTRACTOR	5-way <b>2002-475</b> 50	(2 × 25)
MILLIN.	: :	
1	12-way <b>2002-482</b> 50	(2 x 25)
Pre-assembled sta	aggered jumpers, with conto	act lugs
	that are factory removed v	
	circuit printing, I <sub>N</sub> 25 A	
12.50	1-3 <b>2002-473/0011</b>	-0000
LILLANS CONTRACT	1-3-5 <b>2002-475/0011</b>	
A.A.A.I	1-3-5-7 <b>2002-477/0011</b>	
1	1-3-5-7-9 <b>2002-479/0011</b>	
T I I CO	1-3-5-7-9-11 <b>2002-481/0011</b>	
Test plug, Ø 2 mm		(5 x 10)
Test plug adapter,	, for test plug Ø 4 mm/0.157	
	<b>2009-174</b> 100	(4 x 25)
Testing tap, for mo	ax. 2.5 mm²/AWG 14	
	<b>2009-182</b> 100	(4 x 25)

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52,5 mm / 2.07 in ---96 mm / 3.78 in

ltem No.

Multilevel installation terminal blocks, grey

Commoning using staggered jumpers

Individual jumper contacts can be broken off by

jumpers, e.g. for bridging over a terminal block with a different potential. When creating the

That way, staggered jumpers are created whose contact lugs will make contact to the terminal block in the gaps of the second jumper. Insert the jumper into the jumper slot up to the stop.

contact with the terminal block.

jumpers, make sure that only one contact lug is in

2003-7646

2003-7645

N/L/PE

distance.

L/L/PE

Pack.-unit

pcs

50

#### TOPJOB<sup>®</sup> Multilevel Installation Terminal Blocks 6 mm<sup>2</sup>/AWG 8 Series 2005



1

0.5 – 4 (6) mr 250 V/4 kV Ø∕ I <sub>N</sub> 36 A Terminal block v	3 400 V/6 k <sup>v</sup> width 6.2 mm	/ 0.244 in	0.5 – 4 (6) mn 400 V/6 kV/3 I <sub>N</sub> 36 A Terminal block v € 11 – 5	vidth 6.2 mm		terminal blocks	Itilevel installation and 16 Series N-conducto	or
can be con can be pus	nected: 0.5 mm² – hed in directly: 1 n	6 mm² "s + f-st"; nm² – 6 mm² "s" an	d					ackunit
			sulated ferrule, 12 mm	/0.472 in"		End and intermed	No. p liate plate, 1 mm/0.039 i	in thick
					*		orange 2005-7692	
	July .	· · · ·		han		A STATE OF		
2014	10 10	E.	1.5	VQ / Q.	55 in	Buch an emiter for	r DIN rail 35 (not suitable f	·
		42 mm		-	1.6 1.6	DUSDar carrier, for	end stop)	for use as
1 2		1000	A Quer Th		-		1.5 mm / 0.059 in thick	
1400001	100		1 and the second	1000			blue 2009-304 1	. ,
4			◄ 12	24 mm/4.88in —		Busbar carrier wi	th end stop function and chable separator plat	
						and the second value of th	rail 35; 7.5 mm / 0.295 ir	
	ltem	Packunit		ltem	Packunit		blue <b>2009-305</b>	25
	No.	pcs		No.	pcs	N-busbar, tinned		
Multilevel installa with N-disconnec		ock, grey	Multilevel installat	ion terminal blo	<b>cks,</b> grey		Copper 10 mm x 3 mm, 1000 mm / 39.37 in long	
NT/L/PE	2005-7641	50	L/L	2005-7642	50		· · · ·	20 (20 x 1)
			N/L	2005-7649	50	Cover for N-busb	ar	
2 Potential-Ground	d 🕄 Potential-Pote	ential					transparent	
							1000 mm / 39.37 in long 777-303	) 1
						Neutral supply ter	rminal block, I <sub>N</sub> 76 A, 16	mm², blue
						-	12 mm / 0.472 in wide	
		+				Contraction of the local division of the loc	2016-7114	25
	the second							
-	Martin 1					Ground (conth) ou	nub to minul block   7	74 A
10	10.00	65 in				Ground (earth) su	pply terminal block, I <sub>N</sub> 7 16 mm²/AWG 6, green-	
C.C.	and go	42 mm/				Ground (earth) su	pply terminal block, I <sub>N</sub> 7 16 mm²/AWG 6, green- 12 mm / 0.472 in wide	
Canal A		42 mm/				Sec. 2	16 mm²/AWG 6, green- 12 mm / 0.472 in wide <b>2016-1207</b>	
Can the		42 mm/-				Ground (earth) su	16 mm²/AWG 6, green- 12 mm / 0.472 in wide 2016-1207 n blue cover,	-yellow,
	24 mm/4.88 in —	42 mm/-				Sec. 2	16 mm²/AWG 6, green- 12 mm / 0.472 in wide <b>2016-1207</b>	-yellow, 20
	24 mm/4.88 in —	42 mm/-				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 h blue cover, for N-busbar 2.5 mm² - 16 mm²/AWG 210-281	-yellow, 20 G 14 – 6
	ltem	Pack-unit				Sec. 2	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 h blue cover, for N-busbar 2.5 mm² – 16 mm²/AWG 210-281 1 ated,	-yellow, 20 G 14 – 6
	ltem No.	pcs				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 to blue cover, for N-busbar 2.5 mm² - 16 mm²/AWG 210-281 1 ated, for N-busbar	-yellow, 20 G 14 – 6 00 (2 × 50)
Multilevel installa	ltem No.	pcs				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 to blue cover, for N-busbar 2.5 mm² - 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² - 35 mm²/AWG	-yellow, 20 G 14 – 6 00 (2 × 50)
Multilevel installa	ltem No. t <mark>ion terminal blo</mark>	pcs ocks, grey				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 1 blue cover, for N-busbar 2.5 mm² – 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² – 35 mm²/AWG 209-105 becial blades	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 1 blue cover, for N-busbar 2.5 mm² – 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² – 35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 1 blue cover, for N-busbar 2.5 mm² – 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² – 35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and 5.5 mm /0.217 in	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 1 blue cover, for N-busbar 2.5 mm² – 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² – 35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 1 blue cover, for N-busbar 2.5 mm² – 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² – 35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and 5.5 mm /0.217 in 2009-310 ber bars, light grey, insulated	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) 1 red, I <sub>N</sub> 32 A
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 1 blue cover, for N-busbar 2.5 mm² – 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² – 35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and 5.5 mm /0.217 in 2009-310 ber bars, light grey, insulate 2-way 2004-402 10	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) 1 ed, I <sub>N</sub> 32 A 00 (4 × 25)
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 1 blue cover, for N-busbar 2.5 mm² – 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² – 35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and 5.5 mm /0.217 in 2009-310 ber bars, light grey, insulated 2-way 2004-402 10 3-way 2004-403 10	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) 1 ed, I <sub>N</sub> 32 A 00 (4 × 25) 00 (4 × 25)
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 1 blue cover, for N-busbar 2.5 mm² – 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² – 35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and 5.5 mm /0.217 in 2009-310 ber bars, light grey, insulate 2-way 2004-402 10	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) 1 ed, I <sub>N</sub> 32 A 00 (4 × 25) 00 (4 × 25) 00 (4 × 25)
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				14 Connector, with	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 a blue cover, for N-busbar 2.5 mm² – 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm²-35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and 5.5 mm /0.217 in 2009-310 ber bars, light grey, insulate 2-way 2004-402 10 3-way 2004-403 10 4-way 2004-403 5 : :	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) 1 ed, I <sub>N</sub> 32 A 00 (4 × 25) 00 (4 × 25) 50 (2 × 25)
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<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				It Connector, with Connector, uninsult Connector, uninsult TOPJOB <sup>®</sup> tool, sp Push-in type jump	16 mm²/AWG 6, green-         12 mm /0.472 in wide         2016-1207         a blue cover,         for N-busbar         2.5 mm² - 16 mm²/AWG         210-281         ated,         for N-busbar         2.5 mm² - 35 mm²/AWG         209-105         becial blades         3.5 mm /0.137 in and         5.5 mm /0.217 in         2009-310         ber bars, light grey, insulate         2-way       2004-402         4-way       2004-403         5-way       2004-403         3.       10	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) 1 ed, I <sub>N</sub> 32 A 00 (4 × 25) 00 (4 × 25) 50 (2 × 25) 50 (2 × 25)
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				It Connector, with Connector, uninsult Connector, uninsult TOPJOB <sup>®</sup> tool, sp Push-in type jump	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 a blue cover, for N-busbar 2.5 mm² – 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm²-35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and 5.5 mm /0.217 in 2009-310 ber bars, light grey, insulate 2-way 2004-402 10 3-way 2004-403 10 4-way 2004-403 5 : :	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) 1 ed, I <sub>N</sub> 32 A 00 (4 × 25) 50 (2 × 25) 50 (2 × 25) 50 (2 × 25) 6d, I <sub>N</sub> 32 A
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				It Connector, with Connector, uninsult Connector, uninsult TOPJOB <sup>®</sup> tool, sp Push-in type jump	16 mm²/AWG 6, green-         12 mm /0.472 in wide         2016-1207         a blue cover,         for N-busbar         2.5 mm² - 16 mm²/AWG         210-281         ated,         for N-busbar         2.5 mm² - 35 mm²/AWG         209-105         becial blades         3.5 mm /0.137 in and         5.5 mm /0.217 in         2009-310         ber bars, light grey, insulate         2-way       2004-402         3-way       2004-403         4-way       2004-405         :       :         10-way       2004-410         5       :         10-way       2004-410         12       :         11 - 3       2004-433         11 - 4       2004-434	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) C (2 × 25) 00 (4 × 25) 00 (4 × 25) 50 (2 × 25)
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				It Connector, with Connector, uninsult Connector, uninsult TOPJOB <sup>®</sup> tool, sp Push-in type jump	16 mm²/AWG 6, green-         12 mm /0.472 in wide         2016-1207         a blue cover,         for N-busbar         2.5 mm² - 16 mm²/AWG         210-281         ated,         for N-busbar         2.5 mm² - 35 mm²/AWG         209-105         becial blades         3.5 mm /0.137 in and         5.5 mm /0.217 in         2009-310         ber bars, light grey, insulate         2-way         2004-403         4-way         2004-405         : </td <td>-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) C (2 × 25) 00 (4 × 25) 00 (4 × 25) 50 (2 × 25)</td>	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) C (2 × 25) 00 (4 × 25) 00 (4 × 25) 50 (2 × 25)
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				It Connector, with Connector, uninsult Connector, uninsult TOPJOB <sup>®</sup> tool, sp Push-in type jump	16 mm²/AWG 6, green-         12 mm /0.472 in wide         2016-1207         h blue cover,         for N-busbar         2.5 mm² - 16 mm²/AWG         210-281         ated,         for N-busbar         2.5 mm² - 35 mm²/AWG         209-105         becial blades         3.5 mm /0.137 in and         5.5 mm /0.217 in         2009-310         ber bars, light grey, insulate         2-way       2004-402         3-way       2004-403         4-way       2004-404         5-way       2004-403         6       :         10-way       2004-403         1       3         2004-403       10         5       :         1       3         2004-433       11         1       4         2004-433       12         1       5         2004-433       12	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) 00 (4 × 25) 00 (4 × 25) 00 (4 × 25) 50 (2 × 25
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				14 Connector, with         It Connector, uninsult         It Connector, uninsult </td <td>16 mm²/AWG 6, green-         12 mm /0.472 in wide         2016-1207         h blue cover,         for N-busbar         2.5 mm² - 16 mm²/AWG         210-281         ated,         for N-busbar         2.5 mm² - 35 mm²/AWG         209-105         becial blades         3.5 mm /0.137 in and         5.5 mm /0.217 in         2009-310         ber bars, light grey, insulate         2-way       2004-402         3-way       2004-403         4-way       2004-403         5-may       2004-403         10-way       2004-403         1 - 3       2004-433         1 - 4       2004-434         1 - 5       2004-435         :       :         :       :         1 - 10       2004-440</td> <td>-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) 20 (2 × 25) 00 (4 × 25) 50 (2 × 25</td>	16 mm²/AWG 6, green-         12 mm /0.472 in wide         2016-1207         h blue cover,         for N-busbar         2.5 mm² - 16 mm²/AWG         210-281         ated,         for N-busbar         2.5 mm² - 35 mm²/AWG         209-105         becial blades         3.5 mm /0.137 in and         5.5 mm /0.217 in         2009-310         ber bars, light grey, insulate         2-way       2004-402         3-way       2004-403         4-way       2004-403         5-may       2004-403         10-way       2004-403         1 - 3       2004-433         1 - 4       2004-434         1 - 5       2004-435         :       :         :       :         1 - 10       2004-440	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) 20 (2 × 25) 00 (4 × 25) 50 (2 × 25
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				I4 Connector, with Connector, uninsul Connector, uninsul TOPJOB <sup>®</sup> tool, sp Push-in type jump Push-in type jump Test plug, Ø 2 mm	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 1 blue cover, for N-busbar 2.5 mm² - 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² - 35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and 5.5 mm /0.137 in and 5.5 mm /0.217 in 2009-310 Der bars, light grey, insulate 2-way 2004-402 10 3-way 2004-403 10 4-way 2004-404 10 5-way 2004-403 10 1-3 2004-433 10 1-4 2004-434 10 1-5 2004-435 3 : 1 - 10 2004-440 5 A (0.079 in 210-136 5) ; for test plug Ø 4 mm /0.1	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) (2 × 25) (2 × 25) (2 × 25) (2 × 25) 50 (2 × 2
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				I4 Connector, with         I4 Connector, with         Connector, uninsult         Io         Io         IOPJOB <sup>™</sup> I tool, sp         Push-in type jump         Io         Push-in type jump         Io	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 h blue cover, for N-busbar 2.5 mm² - 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² - 35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and 5.5 mm /0.137 in and 5.5 mm /0.217 in 2009-310 Der bars, light grey, insulate 2-way 2004-402 10 3-way 2004-403 10 4-way 2004-404 10 5-way 2004-403 10 1- 3 2004-433 10 1 - 4 2004-434 10 1 - 5 2004-435 3 : : 1 - 10 2004-440 5 (or test plug Ø 4 mm /0.1 2009-174 10	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) (2 × 25) (2 × 25) (2 × 25) (2 × 25) 50 (2 × 2
<b>Multilevel installa</b> N/L/PE	ltem No. t <mark>ion terminal blo</mark> 2005-7646	pcs ocks, grey 50				I4 Connector, with         I4 Connector, with         Connector, uninsult         Io         Io         IOPJOB <sup>™</sup> I tool, sp         Push-in type jump         Io         Push-in type jump         Io	16 mm²/AWG 6, green- 12 mm /0.472 in wide 2016-1207 1 blue cover, for N-busbar 2.5 mm² - 16 mm²/AWG 210-281 1 ated, for N-busbar 2.5 mm² - 35 mm²/AWG 209-105 becial blades 3.5 mm /0.137 in and 5.5 mm /0.137 in and 5.5 mm /0.217 in 2009-310 Der bars, light grey, insulate 2-way 2004-402 10 3-way 2004-403 10 4-way 2004-404 10 5-way 2004-403 10 1-3 2004-433 10 1-4 2004-434 10 1-5 2004-435 3 : 1 - 10 2004-440 5 A (0.079 in 210-136 5) ; for test plug Ø 4 mm /0.1	-yellow, 20 G 14 - 6 00 (2 × 50) G 14 - 2 50 (2 × 25) (2 × 25) (2 × 25) (2 × 25) (2 × 25) 50 (2 × 2



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#### TOPJOB<sup>®</sup>

#### N-Disconnect Terminal Blocks and Power Distribution Disconnect Terminal Blocks Series 2002, 2006 and 2016

	0.25 – <b>2.5</b> ( <b>4</b> ) mm <sup>2</sup> <b>0</b> AWG 22 – 12 250 V/4 kV/3	$\begin{array}{c c} 0.5 - 6 (10) \text{ mm}^2 0 \\ 250 \text{ V}/4 \text{ kV}/3 \end{array}  \text{AWG } 20 - 8 \\ \end{array}$	0.5 – 16 (25 "f") mm <sup>2</sup> 0 AWG
OLUME I	250 V/4 kV/3 I <sub>N</sub> 32 A Terminal block width 5.2 mm / 0.205 in ∑ 200 − 12 mm / 0.43 in	I <sub>N</sub> 51 A Terminal block width 7.5 mm / 0.295 in ↓ 13 – 15 mm / 0.55 in	250 V/4 kV/3         I <sub>N</sub> 76 A         Terminal block width 12 mm / 0.4         Image: State S
>			



mm/1.5

blue

block

orange

grey



2006-7114 🕑

2006-7111 🔞

2006-7192

1-conductor power distribution disconnect terminal

End and intermediate plate, 1 mm/0.039 in thick

For appropriate through and earth conductor

Pack.-unit

50

50

100 (4 x 25)

blue

block

orange

grey

pcs

← 35.5 mm / 1.4 in → ← 60 mm / 2.36 in

ltem

No.

1-conductor N-disconnect terminal block



AWG 20 - 4

Pack.-unit

25

25

100 (4 x 25)

pcs

m / 0.472 in

← 37 mm / 1.46 in → ← 69 mm / 2.72 in

ltem

2016-7114 🕑

2016-7111 🔞

1-conductor power distribution disconnect terminal

End and intermediate plate, 1 mm / 0.039 in thick

For appropriate through and earth conductor

terminal blocks see page 17 in TOPJOB® catalog

2016-7192

No.

1-conductor N-disconnect terminal b

	Item	Packunit	
	No.	pcs	
1-conductor N-dise	connect terminal b	lock	
blue	2002-7114 2	50	
1-conductor powe	r distribution disco	nnect terminal	
block			
grey	2002-7111 🔞	50	
End and intermedie	ate plate, 0.8 mm/	0.031 in thick	
orange	2002-7192	100 (4 x 25)	
For appropriate th	rough and earth co	onductor	

terminal blocks see page 17 in TOPJOB® catalog



Operation of the slide link using a simple screwdriver



Removing the separator plate from the busbar carrier.

Testing with test plug Ø 2 mm



Insertion of the separator plate. To protect the N-busbar against accidental contact

**1** see also appropriate through terminal blocks

2 For the construction and operation of power installations in fire hazardous locations or public buildings, such as meeting places, stores, hospitals, schools, theaters, hotels etc., the VDE 0100 or VDE 0108-1 standards must be observed. VDE 0100-482 must be observed for fire hazardous locations. Both VDE regulations determine that insulation testing must be possible for every circuit without disconnecting the N-conductor.

WAGO N-disconnect terminal blocks meet this requirement.

3 According to VDE 0107 "Installing and testing electrical installations in medical locations", the equipotential bonding conductors must be connected to a potential equalization busbar. The potential equalization busbar and the protective earth conductor busbar must be accommodated in a common housing and be connected by means of a disconnectable connection using a copper conductor with a minimum cross section of 16 mm<sup>2</sup>/AWG 6. Furthermore, all equipotential bonding conductors must be connected to the potential equalization busbar in such a way that they are clearly arranged, that they can be disconnected individually and accessed at any time and, depending on their

function, they must be provided with captive marking. The WAGO power distribution disconnect terminal blocks meet these requirements.

VOLUME

	-
	ш
	5
	1
	2

N	





Movable knife disconnects clearly indicate the circuit state.



#### 2- and 4-conductor disconnect terminal blocks

The 5.2 mm/0.205 in wide 2- and 4-conductor disconnect terminal blocks, that can be used in both control and process measurement systems as well as transformer circuits, are an addition to the range of TOPJOB<sup>®</sup> rail-mounted terminal blocks.



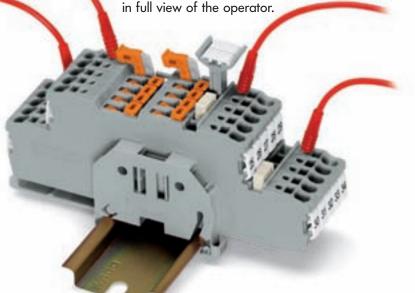
Two lateral and one center marker receptacle for WMB markers or marking strips. Dual jumper slots, in the same position as the other 2002 Series terminal blocks. Commoning options in front of or behind the knife disconnect, depending on which is the power supply side.



#### Additional marking option using pivoting marking adapters.

#### Double deck double disconnect terminal blocks

Disconnect terminal blocks of independent potentials are accommodated on two levels in a double deck disconnect terminal block. This results in a space saving arrangement without compromising the clarity of operation. The knife disconnects are located between the conductors and are therefore always





One disconnect and one through terminal block are accommodated on two levels in a terminal block that is only 5.2 mm/0.205 in wide.

#### **Diode terminal blocks**



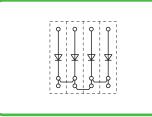
These diode terminal blocks have been specially developed for custom diode circuits such as lamp test and collective fault signal circuits.

Using LED terminal blocks, monitoring units can be designed for control and operating circuits.

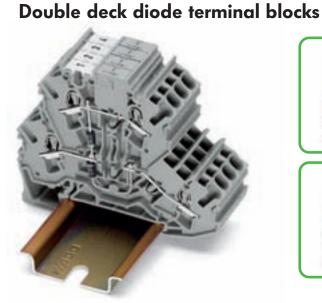
The terminal blocks provide high density wiring maintaining a width of only 5.2 mm/0.205 in.

Using push-in type jumper bars opens up additional possibilities when designing custom circuits.

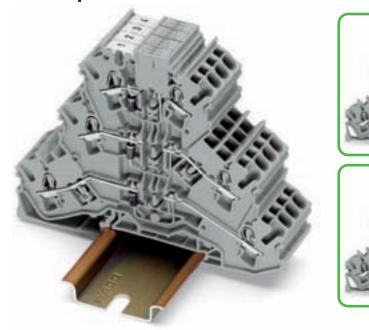




Polarized diode gate, common cathode

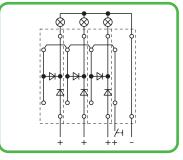




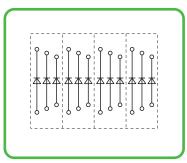








Lamp test circuit



Open diode gate, can be connected individually. Using push-in type jumper bars, individual levels can be turned into polarized diode gates.



#### TOPJOB<sup>®</sup> Disconnect Terminal Blocks for Test and Measurement with Movable Knife Disconnect and Through Terminal Blocks, Series 2002

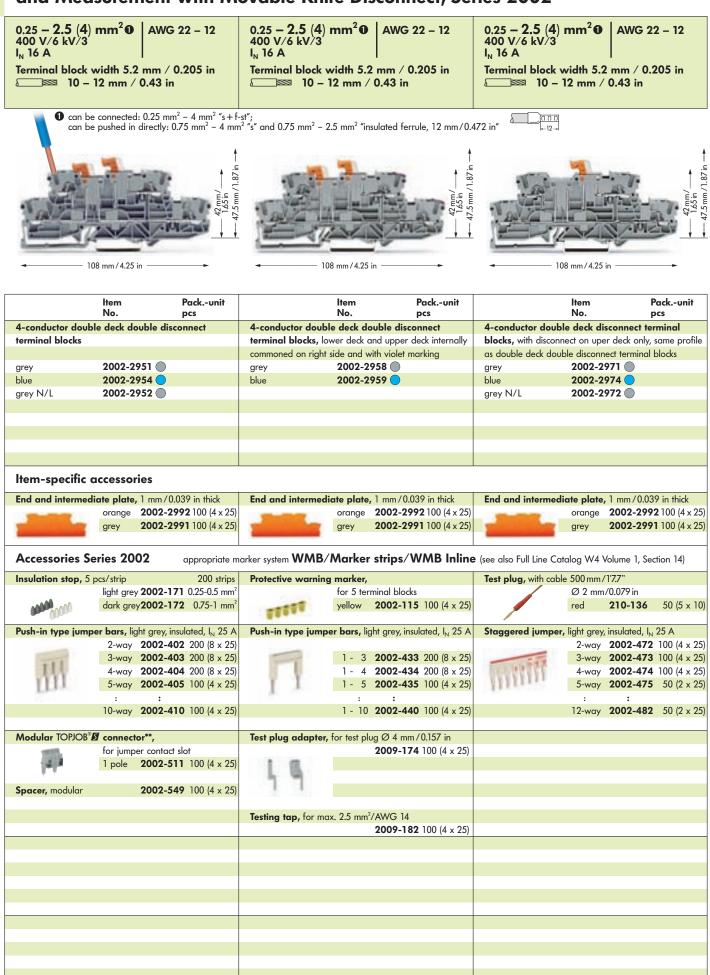
400 V/6 kV/								
I <sub>N</sub> 16 A	$\binom{4}{3}$ mm <sup>2</sup> $\mathbf{O}$	WG 22 – 12	0.25 <b>– 2.5</b> ( <b>4</b> ) 400 V/6 kV/3 I <sub>N</sub> 16 A	mm <sup>2</sup>	AWG 22	2 – 12		
	ck width 5.2 m – 12 mm / 0.4		Terminal block v Emilia 10 –			:05 in		
0	can be connected can be pushed in	: 0.25 mm <sup>2</sup> – 4 mm <sup>2</sup> "s directly: 0.75 mm <sup>2</sup> – 4 0.75 mm <sup>2</sup> – 2	; + f-st"; mm <sup>2</sup> "s" and .5 mm <sup>2</sup> "insulated ferru	Jle, 12 mm ∕ 0.	472 in"	<u> </u>		
· · · ·		33.mm/ 			10	, mm 58 ni 05.1		
	66.5 mm/2.61	in	-	— 66.5 mm/2.6	51 in	-		
	ltem No.	Packunit pcs		ltem No.		ackunit cs		
2-conductor di		block for test and	2-conductor throu	gh terminal	blocks,			
measurement	2000 1 / 71		same profile as disc					
grey blue	2002-1671 2002-1674	-	grey blue	2002-160 2002-160	-			
orange	2002-1672	-	orange	2002-160				
ltem-specifi	ic accessories							
End and interm	<b>rediate plate,</b> 1 m	m/0.039 in thick	End and intermed	iate plate, 1	mm / 0.039	in thick		
-		<b>02-1692</b> 100 (4 × 25)		0		<b>2</b> 100 (4 × 25)		
	grey 200	<b>02-1691</b> 100 (4 × 25)		grey 2	002-1691	l 100 (4 x 25)		
Δ	Series 2002	I		/٨٨				
Accessories	Series 2002				rips/ w		e (see Full Line Catalog W4 Volume 1, Section 14	1)
Insulation stop		200 strips	Protective warning	•				
		<b>02-171</b> 0.25-0.5 mm <sup>2</sup>			مراجع الماري			
0000		<b>12-172</b> 0.75-1 mm <sup>-1</sup>			nal blocks	100 (4 x 25)		
	<u>3</u> /	<b>02-172</b> 0.75-1 mm <sup>2</sup>	11111			100 (4 × 25)		
Push-in type ju	<b>mper bars,</b> light g	rey, insulated, I <sub>N</sub> 25 A	Staggered jumper	yellow 20	002-115 sulated, I <sub>N</sub>	25 A		
Push-in type ju	<b>mper bars,</b> light g 2-way <b>20</b>	rey, insulated, I <sub>N</sub> 25 A <b>02-402</b> 200 (8 x 25)	Staggered jumper	yellow 20 r, light grey, ins 2-way 20	002-115 sulated, I <sub>N</sub> 002-472	25 A 100 (4 × 25)		
Push-in type ju	mper bars, light g 2-way 200 3-way 200	rey, insulated, I <sub>N</sub> 25 A <b>02-402</b> 200 (8 × 25) <b>02-403</b> 200 (8 × 25)	Staggered jumper	yellow 20 r, light grey, ins 2-way 20 3-way 20	002-115 sulated, I <sub>N</sub> 002-472 002-473	25 A 100 (4 × 25) 100 (4 × 25)		
Push-in type ju	2-way 200 3-way 200 4-way 200	rey, insulated, I <sub>N</sub> 25 A <b>02-402</b> 200 (8 x 25)	Staggered jumper	yellow 20 r, light grey, ins 2-way 20 3-way 20 4-way 20	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474	25 A 100 (4 × 25)		
Push-in type ju	mper bars, light g 2-way 200 3-way 200 4-way 200 5-way 200 :	rey, insulated, I <sub>N</sub> 25 A 02-402 200 (8 × 25) 02-403 200 (8 × 25) 02-404 200 (8 × 25) 02-405 100 (4 × 25) :	Staggered jumper	yellow 20 r, light grey, ins 2-way 20 3-way 20 4-way 20 5-way 20 :	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 :	25 A 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 50 (2 × 25)		
Push-in type ju	mper bars, light g 2-way 200 3-way 200 4-way 200 5-way 200 :	rey, insulated, I <sub>N</sub> 25 A 02-402 200 (8 × 25) 02-403 200 (8 × 25) 02-404 200 (8 × 25) 02-404 200 (8 × 25) 02-405 100 (4 × 25)	Staggered jumper	yellow 20 r, light grey, ins 2-way 20 3-way 20 4-way 20 5-way 20 :	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 :	25 A 100 (4 x 25) 100 (4 x 25) 100 (4 x 25)		
	mper bars, light g 2-way 200 3-way 200 4-way 200 5-way 200 : 10-way 200	rey, insulated, I <sub>N</sub> 25 A 02-402 200 (8 × 25) 02-403 200 (8 × 25) 02-404 200 (8 × 25) 02-405 100 (4 × 25) :	Titte	yellow 20 r, light grey, ins 2-way 20 3-way 20 4-way 20 5-way 20 : 12-way 20	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482	25 A 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25)		
	Ight         g           2-way         200           3-way         200           4-way         200           5-way         200           :         10-way         200           imper bars, light         g	rey, insulated, I <sub>N</sub> 25 A <b>02-402</b> 200 (8 × 25) <b>02-403</b> 200 (8 × 25) <b>02-404</b> 200 (8 × 25) <b>02-405</b> 100 (4 × 25) : <b>02-410</b> 100 (4 × 25) rey, insulated, I <sub>N</sub> 25 A	Staggered jumper	yellow 20 r, light grey, ins 2-way 20 3-way 20 4-way 20 5-way 20 : 12-way 20	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm /	25 A 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25)		
	Ight g           2-way         200           3-way         200           4-way         200           5-way         200           :         10-way         200	rey, insulated, I <sub>N</sub> 25 A <b>02-402</b> 200 (8 × 25) <b>02-403</b> 200 (8 × 25) <b>02-404</b> 200 (8 × 25) <b>02-405</b> 100 (4 × 25) : <b>02-410</b> 100 (4 × 25) rey, insulated, I <sub>N</sub> 25 A <b>02-433</b> 200 (8 × 25)	Titte	yellow 20 r, light grey, ins 2-way 20 3-way 20 4-way 20 5-way 20 : 12-way 20 , for test plug	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm /	25 A 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in		
	amper bars, light g         2-way       200         3-way       200         4-way       200         5-way       200         :       10-way       200         imper bars, light g       1 - 3       200         1 - 3       200       200         1 - 4       200       200	rey, insulated, I <sub>N</sub> 25 A <b>02-402</b> 200 (8 × 25) <b>02-403</b> 200 (8 × 25) <b>02-404</b> 200 (8 × 25) <b>02-405</b> 100 (4 × 25) : <b>02-410</b> 100 (4 × 25) rey, insulated, I <sub>N</sub> 25 A <b>02-433</b> 200 (8 × 25) <b>02-434</b> 200 (8 × 25)	Titte	yellow 20 r, light grey, ins 2-way 20 3-way 20 4-way 20 5-way 20 : 12-way 20 , for test plug	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm /	25 A 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in		
	mper bars, light g 2-way 200 3-way 200 4-way 200 5-way 200 : 10-way 200 : 10-way 200 1 - 3 200 1 - 4 200 1 - 5 200	rey, insulated, I <sub>N</sub> 25 A <b>02-402</b> 200 (8 × 25) <b>02-403</b> 200 (8 × 25) <b>02-404</b> 200 (8 × 25) <b>02-405</b> 100 (4 × 25) : <b>02-410</b> 100 (4 × 25) rey, insulated, I <sub>N</sub> 25 A <b>02-433</b> 200 (8 × 25) <b>02-435</b> 100 (4 × 25)	Titte	yellow 20 r, light grey, ins 2-way 20 3-way 20 4-way 20 5-way 20 : 12-way 20 , for test plug	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm /	25 A 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in		
	amper bars, light g         2-way       200         3-way       200         4-way       200         5-way       200         :       10-way       200         imper bars, light g       1 - 3       200         1 - 3       200       200         1 - 3       200       200         1 - 3       200       200         1 - 3       200       200         1 - 3       200       200         1 - 5       200       200         1 - 5       200       200	rey, insulated, I <sub>N</sub> 25 A <b>02-402</b> 200 (8 × 25) <b>02-403</b> 200 (8 × 25) <b>02-404</b> 200 (8 × 25) <b>02-405</b> 100 (4 × 25) : <b>02-410</b> 100 (4 × 25) rey, insulated, I <sub>N</sub> 25 A <b>02-433</b> 200 (8 × 25) <b>02-434</b> 200 (8 × 25)	Titte	yellow 20 r, light grey, ins 2-way 20 3-way 20 4-way 20 5-way 20 : 12-way 20 for test plug 2009-174	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4	25 A 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in		
Push-in type ju	Imper bars, light g         2-way       200         3-way       200         4-way       200         5-way       200         :       10-way       200         imper bars, light g       1 - 3       200         1 - 3       200       1 - 5       200         1 - 5       200       1 - 5       200         1 - 10       200       200       200	rey, insulated, I <sub>N</sub> 25 A 02-402 200 (8 × 25) 02-403 200 (8 × 25) 02-404 200 (8 × 25) 02-405 100 (4 × 25) : 02-410 100 (4 × 25) rey, insulated, I <sub>N</sub> 25 A 02-433 200 (8 × 25) 02-435 100 (4 × 25) :	Test plug adapter, Testing tap, for ma	yellow 20 r, light grey, ins 2-way 21 3-way 21 4-way 21 5-way 21 : 12-way 21 c, for test plug 2009-174 2009-182	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4	25 A 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in		
Push-in type ju	mper bars, light g 2-way 200 3-way 200 4-way 200 5-way 200 : 10-way 200 : 10-way 200 1 10-way 200 10-way 200 10-w	rey, insulated, $I_N 25 A$ <b>22-402</b> 200 (8 × 25) <b>22-403</b> 200 (8 × 25) <b>22-404</b> 200 (8 × 25) <b>22-405</b> 100 (4 × 25) <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b>	Test plug adapter,	yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 ax. 2.5 mm²/A 2009-182 g adapter,	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4	25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)		
Push-in type ju	Imper bars, light g         2-way       200         3-way       200         4-way       200         5-way       200         :       10-way       200         imper bars, light g       1 - 3       200         1 - 3       200       1 - 5       200         1 - 5       200       1 - 5       200         1 - 10       200       200       200         1 - 5       200       200       200         1 - 10       200       200       200         :       1 - 10       200       200         :       1 - 10       200       200         :       1 - 10       200       200         :       1 - 10       200       200         :       1 - 10       200       200         :       1 - 10       200       200         :       1 - 10       200       200         :       1 - 10       200       200         :       1 - 10       200       200         :       1 - 10       200       200	rey, insulated, $I_N 25 A$ <b>22-402</b> 200 (8 × 25) <b>22-403</b> 200 (8 × 25) <b>22-404</b> 200 (8 × 25) <b>22-405</b> 100 (4 × 25) <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b>	Test plug adapter, Testing tap, for ma	yellow 20 r, light grey, ins 2-way 21 3-way 21 4-way 21 5-way 21 : 12-way 21 c, for test plug 2009-174 2009-182	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4	25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)		
Push-in type ju	amper bars, light g         2-way       200         3-way       200         4-way       200         5-way       200         :       10-way       200         imper bars, light g       1 - 3       200         1 - 3       200       1 - 5       200         1 - 5       200       1 - 5       200         1 - 10       200       200       1 - 10       200         00       1 - 10       200       200       1 - 10       200         1 - 10       200       1 - 10       1 - 10       1 - 10       1 - 10       1 - 10       1 - 10       1 - 10       1 - 10       1 - 10 <t< td=""><td>rey, insulated, <math>I_N 25 A</math> <b>22-402</b> 200 (8 × 25) <b>22-403</b> 200 (8 × 25) <b>22-404</b> 200 (8 × 25) <b>22-405</b> 100 (4 × 25) <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b></td><td>Test plug adapter, Testing tap, for ma</td><td>yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable</td><td>002-115 sulated, I<sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4</td><td>25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)</td><td></td><td></td></t<>	rey, insulated, $I_N 25 A$ <b>22-402</b> 200 (8 × 25) <b>22-403</b> 200 (8 × 25) <b>22-404</b> 200 (8 × 25) <b>22-405</b> 100 (4 × 25) <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b>	Test plug adapter, Testing tap, for ma	yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4	25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)		
Push-in type ju	amper bars, light g         2-way       200         3-way       200         4-way       200         5-way       200         :       10-way       200         imper bars, light g       1 - 3       200         1 - 3       200       1 - 5       200         1 - 5       200       1 - 5       200         1 - 10       200       200       1 - 10       200         00       1 - 10       200       200       1 - 10       200         1 - 10       200       1 - 10       1 - 10       1 - 10       1 - 10       1 - 10       1 - 10       1 - 10       1 - 10       1 - 10 <t< td=""><td>rey, insulated, <math>I_N</math> 25 A <b>22-402</b> 200 (8 × 25) <b>22-403</b> 200 (8 × 25) <b>22-404</b> 200 (8 × 25) <b>22-405</b> 100 (4 × 25) <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b></td><td>Test plug adapter, Testing tap, for ma</td><td>yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable</td><td>002-115 sulated, I<sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4</td><td>25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)</td><td></td><td></td></t<>	rey, insulated, $I_N$ 25 A <b>22-402</b> 200 (8 × 25) <b>22-403</b> 200 (8 × 25) <b>22-404</b> 200 (8 × 25) <b>22-405</b> 100 (4 × 25) <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b>	Test plug adapter, Testing tap, for ma	yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4	25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)		
Push-in type ju	mper bars, light g         2-way       200         3-way       200         4-way       200         5-way       200         :       10-way       200         imper bars, light g       1 - 3       200         1 - 3       200       1 - 3       200         1 - 4       200       :       1 - 10       200         1 - 10       200       :       1 - 10       200         2 - 4       1 - 10       200       :       1 - 10       200         :       1 - 10       200       :       :       1 - 10       200         :       1 - 10       200       : <td>rey, insulated, <math>I_N</math> 25 A 22-402 200 (8 × 25) 22-403 200 (8 × 25) 22-404 200 (8 × 25) 22-405 100 (4 × 25) : 22-410 100 (4 × 25) rey, insulated, <math>I_N</math> 25 A 22-433 200 (8 × 25) 22-435 100 (8 × 25) 22-435 100 (4 × 25) : : : : : : : : : : : : :</td> <td>Test plug adapter, Testing tap, for ma</td> <td>yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable</td> <td>002-115 sulated, I<sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4</td> <td>25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)</td> <td></td> <td></td>	rey, insulated, $I_N$ 25 A 22-402 200 (8 × 25) 22-403 200 (8 × 25) 22-404 200 (8 × 25) 22-405 100 (4 × 25) : 22-410 100 (4 × 25) rey, insulated, $I_N$ 25 A 22-433 200 (8 × 25) 22-435 100 (8 × 25) 22-435 100 (4 × 25) : : : : : : : : : : : : :	Test plug adapter, Testing tap, for ma	yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4	25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)		
Push-in type ju	mper bars, light g         2-way       200         3-way       200         4-way       200         5-way       200         :       10-way       200         imper bars, light g       1 - 3       200         1 - 3       200       1 - 3       200         1 - 4       200       :       1 - 10       200         1 - 10       200       :       1 - 10       200         2 mper bars, light g       1 - 10       200       :       1 - 10       200         1 - 10       200       :       :       1 - 10       200       : <td< td=""><td>rey, insulated, <math>I_N</math> 25 A 22-402 200 (8 × 25) 22-403 200 (8 × 25) 22-404 200 (8 × 25) 22-405 100 (4 × 25) : 22-410 100 (4 × 25) rey, insulated, <math>I_N</math> 25 A 22-433 200 (8 × 25) 22-435 100 (8 × 25) 22-435 100 (4 × 25) : : : : : : : : : : : : :</td><td>Test plug adapter, Testing tap, for ma</td><td>yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable</td><td>002-115 sulated, I<sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4</td><td>25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)</td><td></td><td></td></td<>	rey, insulated, $I_N$ 25 A 22-402 200 (8 × 25) 22-403 200 (8 × 25) 22-404 200 (8 × 25) 22-405 100 (4 × 25) : 22-410 100 (4 × 25) rey, insulated, $I_N$ 25 A 22-433 200 (8 × 25) 22-435 100 (8 × 25) 22-435 100 (4 × 25) : : : : : : : : : : : : :	Test plug adapter, Testing tap, for ma	yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4	25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)		
Push-in type ju	mper bars, light g         2-way       200         3-way       200         4-way       200         5-way       200         :       10-way       200         imper bars, light g       1 - 3       200         1 - 3       200       1 - 3       200         1 - 4       200       :       1 - 10       200         1 - 10       200       :       1 - 10       200         2 mper bars, light g       1 - 10       200       :       1 - 10       200         1 - 10       200       :       :       1 - 10       200       : <td< td=""><td>rey, insulated, <math>I_N</math> 25 A 22-402 200 (8 × 25) 22-403 200 (8 × 25) 22-404 200 (8 × 25) 22-405 100 (4 × 25) : 22-410 100 (4 × 25) rey, insulated, <math>I_N</math> 25 A 22-433 200 (8 × 25) 22-435 100 (8 × 25) 22-435 100 (4 × 25) : : : : : : : : : : : : :</td><td>Test plug adapter, Testing tap, for ma</td><td>yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable</td><td>002-115 sulated, I<sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4</td><td>25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)</td><td></td><td></td></td<>	rey, insulated, $I_N$ 25 A 22-402 200 (8 × 25) 22-403 200 (8 × 25) 22-404 200 (8 × 25) 22-405 100 (4 × 25) : 22-410 100 (4 × 25) rey, insulated, $I_N$ 25 A 22-433 200 (8 × 25) 22-435 100 (8 × 25) 22-435 100 (4 × 25) : : : : : : : : : : : : :	Test plug adapter, Testing tap, for ma	yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4	25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)		
Push-in type ju	mper bars, light g         2-way       200         3-way       200         4-way       200         5-way       200         :       10-way       200         imper bars, light g       1 - 3       200         1 - 3       200       1 - 3       200         1 - 4       200       :       1 - 10       200         1 - 10       200       :       1 - 10       200         2 mper bars, light g       1 - 10       200       :       1 - 10       200         1 - 10       200       :       :       1 - 10       200       : <td< td=""><td>rey, insulated, <math>I_N</math> 25 A 22-402 200 (8 × 25) 22-403 200 (8 × 25) 22-404 200 (8 × 25) 22-405 100 (4 × 25) : 22-410 100 (4 × 25) rey, insulated, <math>I_N</math> 25 A 22-433 200 (8 × 25) 22-435 100 (8 × 25) 22-435 100 (4 × 25) : : : : : : : : : : : : :</td><td>Test plug adapter, Testing tap, for ma</td><td>yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable</td><td>002-115 sulated, I<sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4</td><td>25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)</td><td></td><td></td></td<>	rey, insulated, $I_N$ 25 A 22-402 200 (8 × 25) 22-403 200 (8 × 25) 22-404 200 (8 × 25) 22-405 100 (4 × 25) : 22-410 100 (4 × 25) rey, insulated, $I_N$ 25 A 22-433 200 (8 × 25) 22-435 100 (8 × 25) 22-435 100 (4 × 25) : : : : : : : : : : : : :	Test plug adapter, Testing tap, for ma	yellow 2 r, light grey, ins 2-way 2 3-way 2 4-way 2 5-way 2 12-way 2 12-way 2 2009-174 2009-182 g adapter, pivotable	002-115 sulated, I <sub>N</sub> 002-472 002-473 002-474 002-475 : 002-482 Ø 4 mm // 4	25 A 100 (4 × 25) 100 (4 × 25) 50 (2 × 25) 50 (2 × 25) 0.157 in 100 (4 × 25)		

#### TOPJOB<sup>®</sup> Disconnect Terminal Blocks for Test and Measurement with CAGE CLAMP<sup>®</sup> Movable Knife Disconnect and Through Terminal Blocks, Series 2002

0.25 – <b>2.5</b> (4) 400 V/6 kV/3 I <sub>N</sub> 16 A	) mm² <b>0</b>   A\	WG 22 – 12	0.25 – <b>2.5</b> (4 400 V/6 kV/3 I <sub>N</sub> 16 A	) mm <sup>2</sup> <b>0</b> AWG	22 – 12		
Terminal block			Terminal block	width 5.2 mm / 12 mm / 0.43 in			
• can be con can be pus	hed in directly: 0.7	<sup>2</sup> – 4 mm <sup>2</sup> "s + f-st"; 75 mm <sup>2</sup> – 4 mm <sup>2</sup> "s" o 75 mm <sup>2</sup> – 2.5 mm <sup>2</sup> "ir		m / 0.472 in"			
A dial		33mm/	La al				
•	87.5 mm/3.45 in —		4	87.5 mm / 3.45 in			
	ltem No.	Packunit pcs		ltem No.	Packunit pcs		
	onnect terminal	block for test and		ugh terminal blocks			
neasurement	2002 1971		•	connect terminal block	(		
rey lue	2002-1871 (2002-1874 (	-	grey blue	2002-1801			
orange	2002-1872	-	orange	2002-1802			
tem-specific	accessories						
-							
nd and intermed	<b>diate plate</b> , 1 mn	m/0.039 in thick	End and internet				
	-		End and inferme	diate plate, 1 mm/0			
and the second	orange 200	<b>2-1892</b> 100 (4 × 25)		orange 2002-1	<b>892</b> 100 (4 × 25)		
	orange 200			orange <b>2002-1</b>			
Accessories S	orange 200 grey 200	<b>2-1892</b> 100 (4 x 25) <b>2-1891</b> 100 (4 x 25)		orange 2002-1 grey 2002-1	<b>892</b> 100 (4 × 25) <b>891</b> 100 (4 × 25)	(see Full Line Cataloa W4 Vo	lume 1 Section 14)
	orange 200 grey 200 eries 2002	<b>2-1892</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) appropriate m	arker system WMB	orange 2002-1 grey 2002-1	<b>892</b> 100 (4 × 25) <b>891</b> 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
	orange 200 grey 200 Geries 2002	2-1892 100 (4 × 25) 2-1891 100 (4 × 25) appropriate m 200 strips	arker system WMB Protective warning	orange 2002-1 grey 2002-1 3/Marker strips/	892 100 (4 × 25) 891 100 (4 × 25) WMB Inline	(see Full Line Catalog W4 Vo	lume 1, Section 14)
	orange 200 grey 200 eries 2002 pcs/strip light grey 200	<b>2-1892</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) appropriate m	arker system WMB Protective warnin	orange 2002-1 grey 2002-1	892 100 (4 × 25) 891 100 (4 × 25) WMB Inline	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange 200 grey 200 eeries 2002 ipcs/strip light grey 200 dark grey 200	2-1892 100 (4 x 25) 2-1891 100 (4 x 25) appropriate m 200 strips 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup>	arker system WMB Protective warnin	orange 2002-1 grey 2002-1 3/Marker strips/ ng marker, for 5 terminal bloc yellow 2002-1	892 100 (4 × 25) 891 100 (4 × 25) WMB Inline ks 15 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange 200 grey 200 eeries 2002 i pcs/strip light grey 200 dark grey 200 per bars, light gree	2-1892 100 (4 x 25) 2-1891 100 (4 x 25) appropriate m 200 strips 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> ey, insulated, I <sub>N</sub> 25 A	arker system WMB Protective warnin	orange 2002-1 grey 2002-1 3/Marker strips/ ng marker, for 5 terminal block	892 100 (4 × 25) 891 100 (4 × 25) WWMB Inline ks 15 100 (4 × 25) , I <sub>N</sub> 25 A	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange 200 grey 200 eeries 2002 ipcs/strip light grey 200 dark grey 200 dark grey 200 per bars, light gre 2-way 200	2-1892 100 (4 x 25) 2-1891 100 (4 x 25) appropriate m 200 strips 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup>	arker system WMB Protective warnin	orange 2002-1 grey 2002-1 3/Marker strips/ ng marker, for 5 terminal bloc yellow 2002-1 er, light grey, insulated	892 100 (4 × 25) 891 100 (4 × 25) WMB Inline ks 15 100 (4 × 25) , I <sub>N</sub> 25 A 72 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange 200 grey 200 eeries 2002 ipcs/strip light grey 200 dark grey 200 dark grey 200 per bars, light gre 2-way 200 3-way 200	2-1892 100 (4 x 25) 2-1891 100 (4 x 25) appropriate m 200 strips 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> ey, insulated, I <sub>N</sub> 25 A 2-402 200 (8 x 25)	arker system WMB Protective warnin	orange 2002-1 grey 2002-1 3/Marker strips/ ng marker, for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ks 15 100 (4 × 25) , I <sub>№</sub> 25 A 72 100 (4 × 25) 73 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange 200 grey 200 eeries 2002 ipcs/strip light grey 200 dark grey 200 dark grey 200 ser bars, light gre 2-way 200 3-way 200 4-way 200	2-1892 100 (4 x 25) 2-1891 100 (4 x 25) appropriate m 200 strips 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> ey, insulated, I <sub>N</sub> 25 A 2-402 200 (8 x 25) 2-403 200 (8 x 25)	arker system WMB Protective warnin	orange 2002-1 grey 2002-1 3/Marker strips/ ng marker, for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline dks 15 100 (4 × 25) 1, 1, 25 A 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange 200 grey 200 eeries 2002 ipcs/strip light grey 200 dark grey 200 dark grey 200 3-way 200 3-way 200 4-way 200 5-way 200	2-1892 100 (4 × 25) 2-1891 100 (4 × 25) appropriate m 200 strips 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> ey, insulated, I <sub>N</sub> 25 A 2-402 200 (8 × 25) 2-403 200 (8 × 25) 2-404 200 (8 × 25) 2-405 100 (4 × 25) :	arker system WMB Protective warnin	orange 2002-1 grey 2002-1 3/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-4	892 100 (4 × 25) 891 100 (4 × 25) 7WMB Inline dks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange 200 grey 200 eeries 2002 ipcs/strip light grey 200 dark grey 200 dark grey 200 3-way 200 3-way 200 4-way 200 5-way 200	2-1892 100 (4 x 25) 2-1891 100 (4 x 25) appropriate m 200 strips 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> ey, insulated, I <sub>N</sub> 25 A 2-402 200 (8 x 25) 2-403 200 (8 x 25) 2-404 200 (8 x 25)	arker system WMB Protective warnin	orange 2002-1 grey 2002-1 3/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-4	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline dks 15 100 (4 × 25) 1, 1, 25 A 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange 200 grey 200 Feries 2002 Fight grey 200 dark grey 200 dark grey 200 3-way 200 3-way 200 4-way 200 5-way 200 :	2-1892 100 (4 × 25) 2-1891 100 (4 × 25) appropriate m 200 strips 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> ey, insulated, I <sub>N</sub> 25 A 2-402 200 (8 × 25) 2-403 200 (8 × 25) 2-404 200 (8 × 25) 2-405 100 (4 × 25) :	arker system WMB Protective warnin Staggered jumpe	orange 2002-1 grey 2002-1 grey 2002-1 s/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-4 : 12-way 2002-4 wr, for test plug Ø 4 m	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ds 15 100 (4 × 25) 71 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) m /0.157 in	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange 200 grey 200 Feries 2002 Fight grey 200 dark grey 200 dark grey 200 3-way 200 3-way 200 4-way 200 5-way 200 : 10-way 200	2-1892 100 (4 x 25) 2-1891 100 (4 x 25) 2-1891 100 (4 x 25) 200 strips 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> ey, insulated, $I_N$ 25 A 2-402 200 (8 x 25) 2-403 200 (8 x 25) 2-404 200 (8 x 25) 2-404 200 (8 x 25) 2-405 100 (4 x 25) : 2-410 100 (4 x 25) ey, insulated, $I_N$ 25 A	arker system WMB Protective warnin Staggered jumpe	orange 2002-1 grey 2002-1 s/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-4 : 12-way 2002-4	892 100 (4 × 25) 891 100 (4 × 25) (WMB Inline ds 15 100 (4 × 25) 71 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange 200 grey 200 Feries 2002 Fipes/strip light grey 200 dark grey 200 dark grey 200 3-way 200 3-way 200 4-way 200 5-way 200 : 10-way 200 : 10-way 200	2-1892 100 (4 × 25)         2-1891 100 (4 × 25)         2-1891 100 (4 × 25)         2-00 strips         2-171 0.25-0.5 mm²         2-172 0.75-1 mm²         ey, insulated, $I_N 25 A$ 2-402 200 (8 × 25)         2-403 200 (8 × 25)         2-404 200 (8 × 25)         2-405 100 (4 × 25)         :         2-410 100 (4 × 25)         :         2-433 200 (8 × 25)	arker system WMB Protective warnin Staggered jumpe	orange 2002-1 grey 2002-1 grey 2002-1 s/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-4 : 12-way 2002-4 wr, for test plug Ø 4 m	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ds 15 100 (4 × 25) 71 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) m /0.157 in	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange         200           grey         200           Geries         2002           ipcs/strip         light grey           light grey         200           dark grey         200           grey         200           grey         200           dark grey         200           3-way         200           3-way         200           5-way         200           :         10-way           :         200           :         10-way           :         10-way           :         200           :         10-way           :         200           :         200	2-1892 100 (4 × 25)         2-1891 100 (4 × 25)         2-1891 100 (4 × 25)         2-1891 100 (4 × 25)         200 strips         2-171 0.25-0.5 mm²         2-172 0.75-1 mm²         ey, insulated, $I_N 25 A$ 2-402 200 (8 × 25)         2-403 200 (8 × 25)         2-404 200 (8 × 25)         2-405 100 (4 × 25)         :         2-410 100 (4 × 25)         :         2-410 200 (8 × 25)         :         2-403 200 (8 × 25)         :         2-410 100 (4 × 25)         : </td <td>arker system WMB Protective warnin Staggered jumpe</td> <td>orange 2002-1 grey 2002-1 grey 2002-1 s/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-4 : 12-way 2002-4 wr, for test plug Ø 4 m</td> <td>892 100 (4 × 25) 891 100 (4 × 25) WWB Inline tks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) m /0.157 in</td> <td>(see Full Line Catalog W4 Vo</td> <td>lume 1, Section 14)</td>	arker system WMB Protective warnin Staggered jumpe	orange 2002-1 grey 2002-1 grey 2002-1 s/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-4 : 12-way 2002-4 wr, for test plug Ø 4 m	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline tks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) m /0.157 in	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange         200           grey         200           series         2002           ipcs/strip         light grey           light grey         200           dark grey         200           3-way         200           3-way         200           4-way         200           10-way         200           1         3           1         3           1         3           1         4           1         5           2         200	<b>2-1892</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) <b>2-171</b> 0.25-0.5 mm <sup>2</sup> <b>2-172</b> 0.75-1 mm <sup>2</sup> <b>2-402</b> 200 (8 × 25) <b>2-403</b> 200 (8 × 25) <b>2-404</b> 200 (8 × 25) <b>2-405</b> 100 (4 × 25) <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b> <b>:</b>	arker system WMB Protective warnin Staggered jumper Test plug adapte	orange 2002-1 grey 2002-1 grey 2002-1 3/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-4 12-way 2002-4 i 12-way 2002-4	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) 82 50 (2 × 25) 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange 200 grey 200 Geries 2002 ipcs/strip light grey 200 dark grey 200 3-way 200 3-way 200 3-way 200 10-way 200	2-1892 100 (4 × 25) 2-1891 100 (4 × 25) 2-1891 100 (4 × 25) 2-00 strips 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> 2-402 200 (8 × 25) 2-403 200 (8 × 25) 2-404 200 (8 × 25) 2-405 100 (4 × 25) : 2-433 200 (8 × 25) 2-433 200 (8 × 25) 2-435 100 (4 × 25) 2-435	arker system WMB Protective warnin Staggered jumper Test plug adapte	orange 2002-1 grey 2002-1 grey 2002-1 3/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-174	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) 82 50 (2 × 25) 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
Push-in type jum	orange         200           grey         200           grey         200           Geries         2002           iperies         200           dark grey         200           dark grey         200           a-way         200           3-way         200           4-way         200           5-way         200           :         10-way         200           :         1         3         200           :         -         5         200           :         -         1         -         3           :         1         -         1         -	<b>2-1892</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) <b>2-171</b> 0.25-0.5 mm <sup>2</sup> <b>2-172</b> 0.75-1 mm <sup>2</sup> <b>2-172</b> 0.75-1 mm <sup>2</sup> <b>2-402</b> 200 (8 × 25) <b>2-403</b> 200 (8 × 25) <b>2-404</b> 200 (8 × 25) <b>2-405</b> 100 (4 × 25) <b>2-410</b> 100 (4 × 25) <b>2-433</b> 200 (8 × 25) <b>2-434</b> 200 (8 × 25) <b>2-435</b> 100 (4 × 25) <b>2-435</b> 100 (4 × 25) <b>2-436</b> 100 (4 × 25) <b>2-437</b> 100 (4 × 25) <b>2-438</b> 100 (4 × 25) <b>2-439</b> 100 (4 × 25) <b>2-430</b> 100 (4 × 25) <b>2-430</b> 100 (4 × 25)	arker system WMB Protective warnin Staggered jumper Test plug adapter	orange 2002-1 grey 2002-1 grey 2002-1 3/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-4 5-way 2002-4 5-way 2002-4 5-way 2002-4 12-way 2002-4 5-way 2002-4 5-way 2002-4 5-way 2002-4 12-way 2002-174	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) 82 50 (2 × 25) 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
Push-in type jump	orange         200           grey         200           grey         200           Geries         2002           iperies         200           dark grey         200           dark grey         200           a-way         200           3-way         200           4-way         200           5-way         200           :         10-way         200           :         1         3         200           :         -         5         200           :         -         1         -         3           :         1         -         1         -	<b>2-1892</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) <b>2-171</b> 0.25-0.5 mm <sup>2</sup> <b>2-172</b> 0.75-1 mm <sup>2</sup> <b>2-172</b> 0.75-1 mm <sup>2</sup> <b>2-402</b> 200 (8 × 25) <b>2-403</b> 200 (8 × 25) <b>2-404</b> 200 (8 × 25) <b>2-405</b> 100 (4 × 25) <b>2-410</b> 100 (4 × 25) <b>2-433</b> 200 (8 × 25) <b>2-434</b> 200 (8 × 25) <b>2-435</b> 100 (4 × 25) <b>2-435</b> 100 (4 × 25) <b>2-436</b> 100 (4 × 25) <b>2-437</b> 100 (4 × 25) <b>2-438</b> 100 (4 × 25) <b>2-439</b> 100 (4 × 25) <b>2-430</b> 100 (4 × 25)	arker system WMB Protective warnin Staggered jumper Test plug adapte	orange 2002-1 grey 2002-1 grey 2002-1 3/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-4 5-way 2002-4 5-way 2002-4 5-way 2002-4 12-way 2002-4 5-way 2002-4 5-way 2002-4 5-way 2002-4 12-way 2002-174	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) 82 50 (2 × 25) 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
Push-in type jump	orange         200           grey         200           series         2002           ipcs/strip         light grey 200           dark grey/200         dark grey/200           per bars, light grey         200           3-way         200           4-way         200           5-way         200           in 0-way         200           in 1-         3           1 - 3         200           1 - 4         200           1 - 5         200           :         1           1 - 10         200	<b>2-1892</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) <b>2-171</b> 0.25-0.5 mm <sup>2</sup> <b>2-172</b> 0.75-1 mm <sup>2</sup> <b>2-172</b> 0.75-1 mm <sup>2</sup> <b>2-402</b> 200 (8 × 25) <b>2-403</b> 200 (8 × 25) <b>2-404</b> 200 (8 × 25) <b>2-405</b> 100 (4 × 25) <b>2-410</b> 100 (4 × 25) <b>2-433</b> 200 (8 × 25) <b>2-434</b> 200 (8 × 25) <b>2-435</b> 100 (4 × 25) <b>2-435</b> 100 (4 × 25) <b>2-436</b> 100 (4 × 25) <b>2-437</b> 100 (4 × 25) <b>2-438</b> 100 (4 × 25) <b>2-439</b> 100 (4 × 25) <b>2-430</b> 100 (4 × 25) <b>2-430</b> 100 (4 × 25)	arker system WMB Protective warnin Staggered jumper Test plug adapter	orange 2002-1 grey 2002-1 grey 2002-1 3/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 4-way 2002-4 5-way 2002-4 5-way 2002-4 12-way 2002-4 i i 12-way 2002-4 str, for test plug Ø 4 m 2009-174	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) 82 50 (2 × 25) 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
Push-in type jump	orange         200           grey         200           series         2002           iper/series         2002           iper/series         2000           dark grey         200           dark grey         200           3-way         200           3-way         200           5-way         200           :         10-way         200           :         10-way         200           :         200         :         200           :         10-way         200         :           :         10-way         200         :           :         10-way         200         :           :         10-way         200         :           :         1 - 10         200         :           :         1 - 10         200         :           :         1 - 10         200         :	<b>2-1892</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) <b>2-1891</b> 100 (4 × 25) <b>2-171</b> 0.25-0.5 mm <sup>2</sup> <b>2-172</b> 0.75-1 mm <sup>2</sup> <b>2-172</b> 0.75-1 mm <sup>2</sup> <b>2-402</b> 200 (8 × 25) <b>2-403</b> 200 (8 × 25) <b>2-404</b> 200 (8 × 25) <b>2-405</b> 100 (4 × 25) <b>2-410</b> 100 (4 × 25) <b>2-433</b> 200 (8 × 25) <b>2-434</b> 200 (8 × 25) <b>2-435</b> 100 (4 × 25) <b>2-435</b> 100 (4 × 25) <b>2-436</b> 100 (4 × 25) <b>2-437</b> 100 (4 × 25) <b>2-438</b> 100 (4 × 25) <b>2-439</b> 100 (4 × 25) <b>2-439</b> 100 (4 × 25) <b>2-430</b> 100 (4 × 25) <b>2-430</b> 100 (4 × 25) <b>2-430</b> 100 (4 × 25)	arker system WMB Protective warnin Staggered jumper Test plug adapter	orange 2002-1 grey 2002-1 grey 2002-1 3/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 3-way 2002-4 5-way 2002-4 : 12-way 2002-4 i: 12-way 2002-4 i: 12-way 2002-4 max. 2.5 mm²/AWG 14 2009-174	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) 82 50 (2 × 25) 100 (4 × 25) 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
Push-in type jump	orange         200           grey         200           series         2002           ipcs/strip         light grey 200           dark grey/200         dark grey/200           per bars, light grey         200           3-way         200           4-way         200           5-way         200           i         10-way           10-way         200           i         1 - 3           1 - 4         200           i         1 - 5           1 - 10         200           i         1 - 10           200         200	2-1892 100 (4 × 25) 2-1891 100 (4 × 25) 2-1891 100 (4 × 25) 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> ey, insulated, I <sub>N</sub> 25 A 2-402 200 (8 × 25) 2-403 200 (8 × 25) 2-404 200 (8 × 25) 2-405 100 (4 × 25) 2-433 200 (8 × 25) 2-433 200 (8 × 25) 2-434 200 (8 × 25) 2-435 100 (4 × 25) : 2-440 100 (4 × 25) : 2-549 100 (4 × 25) 2-549 100 (4 × 25)	arker system WMB Protective warnin Staggered jumper Test plug adapter	orange 2002-1 grey 2002-1 grey 2002-1 3/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 3-way 2002-4 5-way 2002-4 : 12-way 2002-4 i: 12-way 2002-4 i: 12-way 2002-4 max. 2.5 mm²/AWG 14 2009-174	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) 82 50 (2 × 25) 100 (4 × 25) 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
nsulation stop, 5	orange         200           grey         200           series         2002           ipcs/strip         light grey 200           dark grey/200         dark grey/200           per bars, light grey         200           3-way         200           3-way         200           5-way         200           i         10-way           10-way         100           1 - 3         200           1 - 4         200           1 - 5         200           i         1 - 10           1 - 10         200           i         1 - 200           1 - 10         200           i         200           i         200	2-1892 100 (4 × 25) 2-1891 100 (4 × 25) 2-1891 100 (4 × 25) 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> ey, insulated, I <sub>N</sub> 25 A 2-402 200 (8 × 25) 2-403 200 (8 × 25) 2-404 200 (8 × 25) 2-405 100 (4 × 25) 2-433 200 (8 × 25) 2-434 200 (8 × 25) 2-435 100 (4 × 25) : 2-440 100 (4 × 25) : 2-440 100 (4 × 25) : 2-549 100 (4 × 25) 2-549 100 (4 × 25)	arker system WMB Protective warnin Staggered jumper Test plug adapter	orange 2002-1 grey 2002-1 grey 2002-1 3/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 3-way 2002-4 5-way 2002-4 : 12-way 2002-4 i: 12-way 2002-4 i: 12-way 2002-4 max. 2.5 mm²/AWG 14 2009-174	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) 82 50 (2 × 25) 100 (4 × 25) 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)
Push-in type jump	orange         200           grey         200           series         2002           ipcs/strip         light grey 200           dark grey/200         dark grey/200           per bars, light grey         200           3-way         200           4-way         200           5-way         200           i         10-way           10-way         200           i         200           i         3           1 - 3         200           i         1           1 - 10         200           i         1           j         connector**, for jumper cor           1 pole         200           200         200	2-1892 100 (4 × 25) 2-1891 100 (4 × 25) 2-1891 100 (4 × 25) 2-171 0.25-0.5 mm <sup>2</sup> 2-172 0.75-1 mm <sup>2</sup> ey, insulated, I <sub>N</sub> 25 A 2-402 200 (8 × 25) 2-403 200 (8 × 25) 2-404 200 (8 × 25) 2-405 100 (4 × 25) 2-433 200 (8 × 25) 2-434 200 (8 × 25) 2-435 100 (4 × 25) : 2-440 100 (4 × 25) : 2-440 100 (4 × 25) : 2-549 100 (4 × 25) 2-549 100 (4 × 25)	arker system WMB Protective warnin Staggered jumper Test plug adapter	orange 2002-1 grey 2002-1 grey 2002-1 3/Marker strips/ for 5 terminal bloc yellow 2002-1 er, light grey, insulated 2-way 2002-4 3-way 2002-4 3-way 2002-4 5-way 2002-4 : 12-way 2002-4 i: 12-way 2002-4 i: 12-way 2002-4 max. 2.5 mm²/AWG 14 2009-174	892 100 (4 × 25) 891 100 (4 × 25) WWB Inline ks 15 100 (4 × 25) 72 100 (4 × 25) 73 100 (4 × 25) 74 100 (4 × 25) 75 50 (2 × 25) 82 50 (2 × 25) 82 50 (2 × 25) 100 (4 × 25) 100 (4 × 25)	(see Full Line Catalog W4 Vo	lume 1, Section 14)



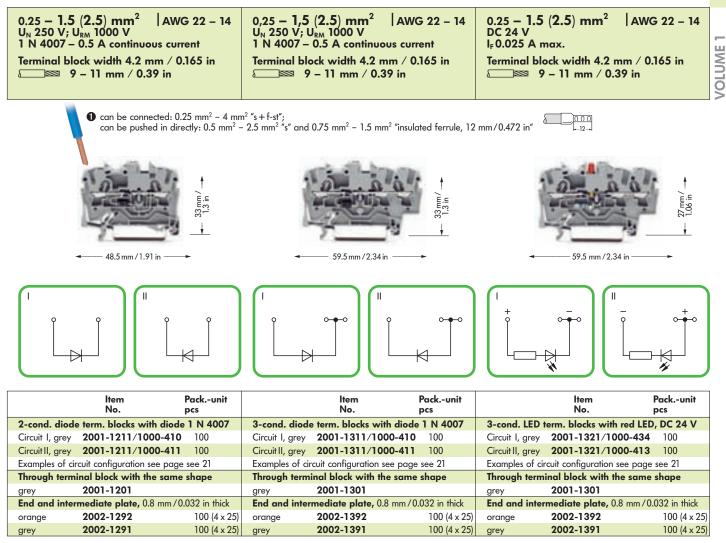
#### TOPJOB<sup>®</sup> Double Deck Double Disconnect Terminal Blocks for Test and Measurement with Movable Knife Disconnect, Series 2002

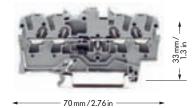


VOLUME

#### TOPJOB<sup>®</sup> Diode Terminal Blocks 1.5 (2.5) mm<sup>2</sup> / AWG 14 and LED Terminal Blocks 1.5 (2.5) mm<sup>2</sup> / AWG 14; Series 2001

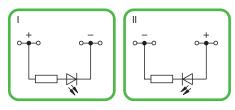






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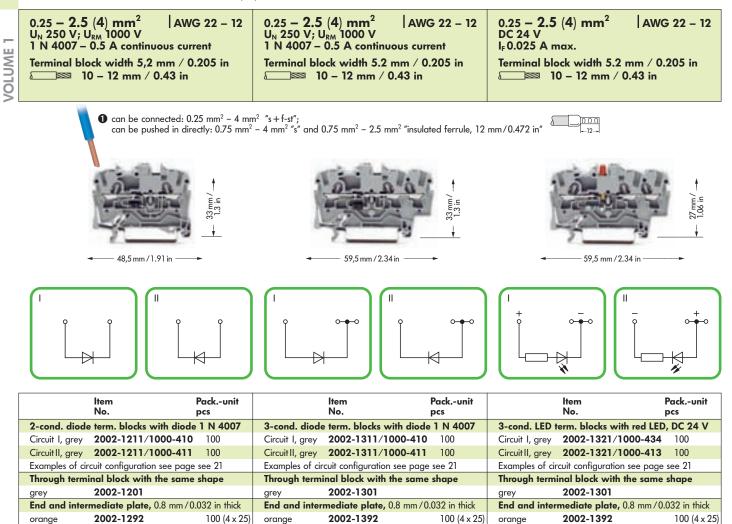
------ 70 mm / 2.76 in ------



	ltem No.	Packunit pcs		ltem No.	Packunit pcs
4-cond. diod	e term. blocks with	diode 1 N 4007	4-cond. LED	term. blocks with ı	red LED, DC 24 V
Circuit I, grey	2001-1411/100	<b>0-410</b> 100	Circuit I, grey	2001-1421/100	<b>0-434</b> 100
Circuit II, grey	2001-1411/100	<b>0-411</b> 100	Circuit II, grey	2001-1421/100	<b>0-413</b> 100
Examples of ci	rcuit configuration se	e page see 21	Examples of c	rcuit configuration se	e page see 21
Through term	inal block with the	same shape	Through term	inal block with the	e same shape
grey	2001-1401		grey	2001-1401	
End and inter	mediate plate, 0.8	mm / 0.032 in thick	End and inte	rmediate plate, 0.8	mm/0.032 in thick
orange	2002-1492	100 (4 x 25)	orange	2002-1492	100 (4 x 25
grey	2002-1491	100 (4 x 25)	grey	2002-1491	100 (4 x 25



#### TOPJOB<sup>®</sup> Diode Terminal Blocks 2.5 (4) mm<sup>2</sup> / AWG 12 and LED Terminal Blocks 2.5 (4) mm<sup>2</sup>; Series 2002



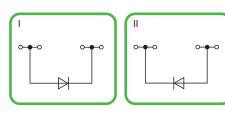


100 (4 x 25)

grey

—— 70 mm / 2.76 in —

2002-1391

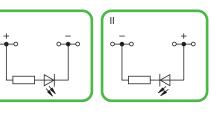




100 (4 x 25)

2002-1391

------ 70 mm / 2.76 in ------



	ltem No.	Packunit pcs		ltem No.	Packunit pcs
4-cond. diod	e term. blocks with diod	e 1 N 4007	4-cond. LED	term. blocks with re	ed LED, DC 24 V
Circuit I, grey	2002-1411/1000-410	100	Circuit I, grey	2002-1421/1000	<b>)-434</b> 100
Circuit II, grey	2002-1411/1000-411	100	Circuit II, grey	2002-1421/1000	<b>)-413</b> 100
Examples of ci	rcuit configuration see page	e see 21	Examples of ci	rcuit configuration see	e page see 21
Through term	inal block with the same	e shape	Through term	inal block with the	same shape
grey	2002-1401		grey	2002-1401	
End and inter	rmediate plate, 0.8 mm/(	0.032 in thick	End and inter	<b>mediate plate,</b> 0.8	mm/0.032 in thick
orange	2002-1492	100 (4 x 25)	orange	2002-1492	100 (4 x 25
grey	2002-1491	100 (4 x 25)	grey	2002-1491	100 (4 x 25

Downloaded from Arrow.com.

grey

2002-1291

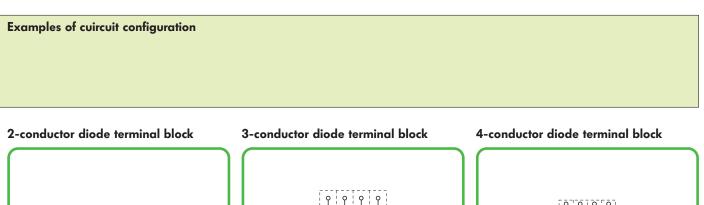
100 (4 x 25)

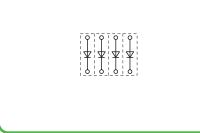
grey

#### TOPJOB<sup>®</sup> CAGE CLAMP<sup>®</sup>S Accessories and Examples of Circuit Configuration CAG Diode Terminal Blocks and LED Terminal Blocks; Series 2001/2002

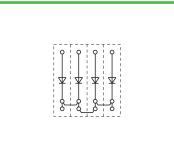
Accessories Series 2001		Accessories Series 2002	:	LUME 1
ltem No.	Packunit pcs	ltem No.	Packunit pcs	NO

	No.	pcs		No.	pcs	
Push-in type jum	per bars, lig	ght grey, insulated, I <sub>N</sub> 18 A	Push-in type jum	<b>oer bars,</b> ligh	nt grey, insulated, I <sub>N</sub> 25 A	
	2-way	2001-402 200 (8 x 25)		2-way	2002-402 200 (8 x 25)	
	3-way	2001-403 200 (8 x 25)		3-way	2002-403 200 (8 x 25)	
1100	4-way	2001-404 200 (8 x 25)	11. 1. 1.	4-way	2002-404 200 (8 × 25)	
111	5-fway	2001-405 100 (4 x 25)	110	5-way	2002-405 100 (4 x 25)	
1111	:	:	1111	:	:	
12.00	10-way	2001-410 100 (4 x 25)		10-way	2002-410 100 (4 x 25)	
Push-in type jum	per bars, lig	ght grey, insulated, $I_N$ 18 A	Push-in type jum	<b>oer bars,</b> ligh	nt grey, insulated, I <sub>N</sub> 25 A	
		2001-433 200 (8 × 25)			<b>2002-433</b> 200 (8 × 25)	
and the second s		2001-434 200 (8 x 25)			2002-434 200 (8 × 25)	
	1 - 5	2001-435 100 (4 × 25)		1 - 5	<b>2002-435</b> 100 (4 × 25)	
1 1	:	:	1 1	:	:	
	1 - 10	2001-440 100 (4 × 25)		1 - 10	2002-440 100 (4 x 25)	



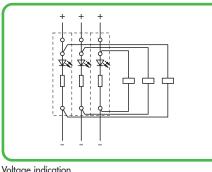


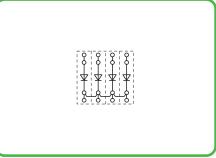
Open diode gate



Polarized diode gate, common cathode

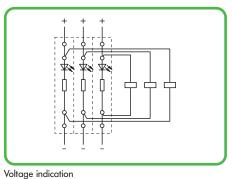
#### **3-conductor LED terminal block**





Polarized diode gate, common cathode

#### 4-conductor LED terminal block



Voltage indication

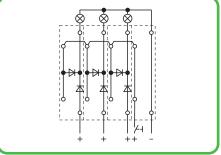




#### TOPJOB<sup>®</sup> Double Deck Diode Terminal Blocks / Double Deck LED Terminal Blocks 2.5 mm<sup>2</sup>/4 mm<sup>2</sup> / AWG 12, Series 2002

1

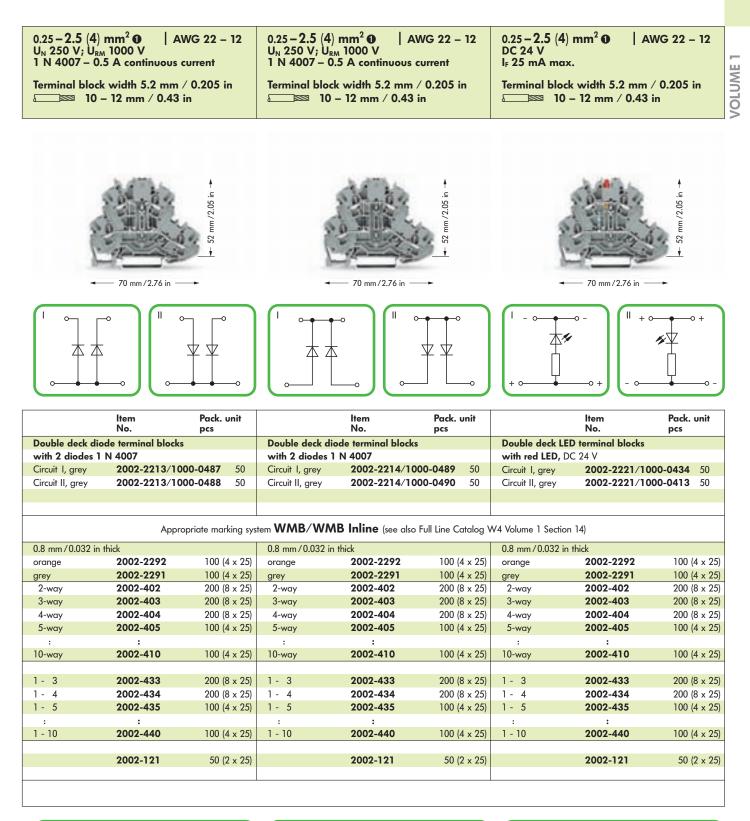
		Terminal bloc	mm <sup>2</sup> ● AV M 1000 V .5 A continuous c k width 5.2 mm / – 12 mm / 0.43 i	0.205 in	Terminal bloc	mm² ❶   A\ <sub>M</sub> 1000 V .5 A continuous d k width 5.2 mm / – 12 mm / 0.43 i	⁄ 0.205 in
			can be connected: ( can be pushed in di	rectly: 0.75 mm <sup>2</sup> –	4 mm <sup>2</sup> "s" and	ferrule, 12 mm/0.472	in"
			70 mm/2.76 in	- 52 mm /2.05 in		70 mm/2.76 in	← 52 mm /2.05 in -
	blocks with the same shape			-	-	70 mm/2.78 in —	-
see page 6			→				
Description			ltem No.	Pack. unit pcs		ltem No.	Pack. unit pcs
Double deck dio	de terminal block		ode terminal blocks	-		ode terminal blocks	-
and		with diode 1 N		0.0410 50	with 2 diodes 1		<b>00 0400</b> 50
	D terminal block, for DIN 35 rail	Circuit I, grey Circuit II, grey	4007 2002-2211/10( 2002-2211/10(		with 2 diodes 1 Circuit I, grey Circuit II, grey	2002-2214/10 2002-2214/10	
	D terminal block, for DIN 35 rail	Circuit I, grey Circuit II, grey	2002-2211/100 2002-2211/100	<b>00-0411</b> 50	Circuit I, grey Circuit II, grey	2002-2214/10 2002-2214/10	
double deck LED		Circuit I, grey Circuit II, grey	2002-2211/10 2002-2211/10 B Inline (see also	<b>00-0411</b> 50	Circuit I, grey Circuit II, grey	2002-2214/10 2002-2214/10 n 14)	
double deck LED	Appropriate marking sy	Circuit I, grey Circuit II, grey ystem WMB/WM	2002-2211/10 2002-2211/10 B Inline (see also	<b>00-0411</b> 50	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio	2002-2214/10 2002-2214/10 n 14)	<b>00-0491</b> 50
double deck LED	Appropriate marking sy End and intermediate plate	Circuit I, grey Circuit II, grey vstem WMB/WM 0.8 mm / 0.032 in orange grey	2002-2211/10 2002-2211/10 B Inline (see also thick 2002-2292 2002-2291	<b>20-0411</b> 50 Full Line Catalog V 100 (4 × 25) 100 (4 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey	2002-2214/10 2002-2214/10 n 14) thick 2002-2292 2002-2291	00-0491 50 100 (4 × 25 100 (4 × 25
double deck LED	Appropriate marking sy End and intermediate plate Push-in type jumper bars,	Circuit I, grey Circuit II, grey vstem WMB/WM 0.8 mm / 0.032 in orange grey 2-way	2002-2211/10 2002-2211/10 B Inline (see also thick 2002-2292 2002-2291 2002-402	D0-0411         50           Full Line Catalog V           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey 2-way	2002-2214/10 2002-2214/10 n 14) thick 2002-2292 2002-2291 2002-402	00-0491 50 100 (4 × 25 100 (4 × 25 200 (8 × 25
double deck LED	Appropriate marking sy End and intermediate plate Push-in type jumper bars, light grey, insulated,	Circuit I, grey Circuit I, grey vstem WMB/WM 0.8 mm / 0.032 in orange grey 2-way 3-way	2002-2211/100 2002-2211/100 B Inline (see also thick 2002-2292 2002-2291 2002-402 2002-403	Full Line Catalog V 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey 2-way 3-way	2002-2214/10 2002-2214/10 n 14) thick 2002-2292 2002-2291 2002-402 2002-403	100 (4 × 25 100 (4 × 25 100 (4 × 25 200 (8 × 25 200 (8 × 25
double deck LED	Appropriate marking sy End and intermediate plate Push-in type jumper bars,	Circuit I, grey Circuit I, grey vstem WMB/WM 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way	2002-2211/100 2002-2211/100 B Inline (see also thick 2002-2292 2002-2291 2002-402 2002-403 2002-404	D0-0411         50           Full Line Catalog V           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way	2002-2214/10 2002-2214/10 n 14) thick 2002-2292 2002-2291 2002-402 2002-403 2002-404	100 (4 × 25 100 (4 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25
double deck LED	Appropriate marking sy End and intermediate plate Push-in type jumper bars, light grey, insulated,	Circuit I, grey Circuit I, grey vstem WMB/WM 0.8 mm / 0.032 in orange grey 2-way 3-way	2002-2211/100 2002-2211/100 B Inline (see also thick 2002-2292 2002-2291 2002-402 2002-403 2002-404 2002-405	Full Line Catalog V 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey 2-way 3-way	2002-2214/10 2002-2214/10 n 14) thick 2002-2292 2002-2291 2002-402 2002-403 2002-404 2002-405	
double deck LED	Appropriate marking sy End and intermediate plate Push-in type jumper bars, light grey, insulated,	Circuit I, grey Circuit I, grey vstem WMB/WM 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way :	2002-2211/100 2002-2211/100 B Inline (see also thick 2002-2292 2002-2291 2002-402 2002-403 2002-404 2002-405 :	Full Line Catalog V Full Line Catalog V 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way :	2002-2214/10 2002-2214/10 n 14) thick 2002-2292 2002-2291 2002-402 2002-403 2002-403 2002-404 2002-405 :	100 (4 × 25 100 (4 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25 100 (4 × 25
double deck LED	Appropriate marking sy End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 25 A	Circuit I, grey Circuit I, grey vstem WMB/WM 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way	2002-2211/100 2002-2211/100 B Inline (see also thick 2002-2292 2002-2291 2002-402 2002-403 2002-404 2002-405	D0-0411         50           Full Line Catalog V           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way	2002-2214/10 2002-2214/10 n 14) thick 2002-2292 2002-2291 2002-402 2002-403 2002-404 2002-405	100 (4 × 25 100 (4 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25 100 (4 × 25
double deck LED	Appropriate marking sy End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 25 A Push-in type jumper bars,	Circuit I, grey Circuit I, grey Vestem WMB/WM 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way : 10-way	2002-2211/100 2002-2211/100 B Inline (see also thick 2002-2292 2002-2291 2002-402 2002-403 2002-404 2002-405 : 2002-410	D0-0411         50           Full Line Catalog V           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           100 (4 × 25)           100 (4 × 25)           100 (4 × 25)           100 (4 × 25)           100 (4 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way :	2002-2214/10 2002-2214/10 10 10 10 10 10 10 10 10 2002-2292 2002-2291 2002-402 2002-403 2002-403 2002-404 2002-405 : 2002-410	100 (4 × 25 100 (4 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25 100 (4 × 25 100 (4 × 25
double deck LED	Appropriate marking sy End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 25 A Push-in type jumper bars, light grey, insulated,	Circuit I, grey Circuit I, grey vstem WMB/WM 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way :	2002-2211/100 2002-2211/100 B Inline (see also thick 2002-2292 2002-2291 2002-402 2002-403 2002-404 2002-405 :	D0-0411         50           Full Line Catalog V           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           200 (8 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way : 10-way	2002-2214/10 2002-2214/10 n 14) thick 2002-2292 2002-2291 2002-402 2002-403 2002-403 2002-404 2002-405 :	100 (4 × 25 100 (4 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25 100 (4 × 25 100 (4 × 25 100 (4 × 25 200 (8 × 25
double deck LED	Appropriate marking sy End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 25 A Push-in type jumper bars,	Circuit I, grey Circuit I, grey Vestem WMB/WM 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way : 10-way 1 - 3	2002-2211/100 2002-2211/100 B Inline (see also thick 2002-2292 2002-2291 2002-402 2002-403 2002-403 2002-404 2002-405 : 2002-410 2002-433	D0-0411         50           Full Line Catalog V           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           100 (4 × 25)           100 (4 × 25)           100 (4 × 25)           100 (4 × 25)           100 (4 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way : 10-way 1 - 3	2002-2214/10 2002-2214/10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 (4 × 25 100 (4 × 25 200 (8 × 25 200 (8 × 25 100 (4 × 25 100 (4 × 25 100 (4 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25
double deck LED	Appropriate marking sy End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 25 A Push-in type jumper bars, light grey, insulated,	Circuit I, grey Circuit I, grey Circuit II, grey vstem WMB/WM 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way : 10-way 1 - 3 1 - 4	2002-2211/100 2002-2211/100 B Inline (see also thick 2002-2292 2002-2291 2002-402 2002-403 2002-403 2002-404 2002-405 : 2002-410 2002-433 2002-434	D0-0411         50           Full Line Catalog V           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way : 10-way 1 - 3 1 - 4	2002-2214/10 2002-2214/10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 (4 × 25 100 (4 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25
double deck LED	Appropriate marking sy End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 25 A Push-in type jumper bars, light grey, insulated,	Circuit I, grey Circuit I, grey Circuit II, grey vstem WMB/WM 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way : 10-way 1 - 3 1 - 4 1 - 5	2002-2211/100 2002-2211/100 B Inline (see also thick 2002-2292 2002-2291 2002-402 2002-403 2002-403 2002-404 2002-405 : 2002-410 2002-433 2002-434 2002-435	D0-0411         50           Full Line Catalog V           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           100 (4 × 25)           100 (4 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)	Circuit I, grey Circuit II, grey V4 Volume 1, Sectio 0.8 mm / 0.032 in orange grey 2-way 3-way 4-way 5-way : 10-way 1 - 3 1 - 4 1 - 5	2002-2214/10 2002-2214/10 10 10 10 10 10 10 10 10 10 10 10 10 2002-2291 2002-2291 2002-402 2002-403 2002-403 2002-404 2002-405 : 2002-410 2002-433 2002-434 2002-435	00-0491 50 100 (4 × 25 100 (4 × 25 200 (8 × 25 200 (8 × 25 100 (4 × 25 100 (4 × 25 100 (4 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25 200 (8 × 25) 200 (8 × 25)

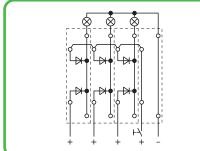


Used as recovery diodes

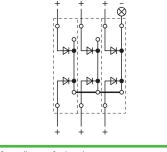
Used in lamp test circuit







Used in lamp test circuit



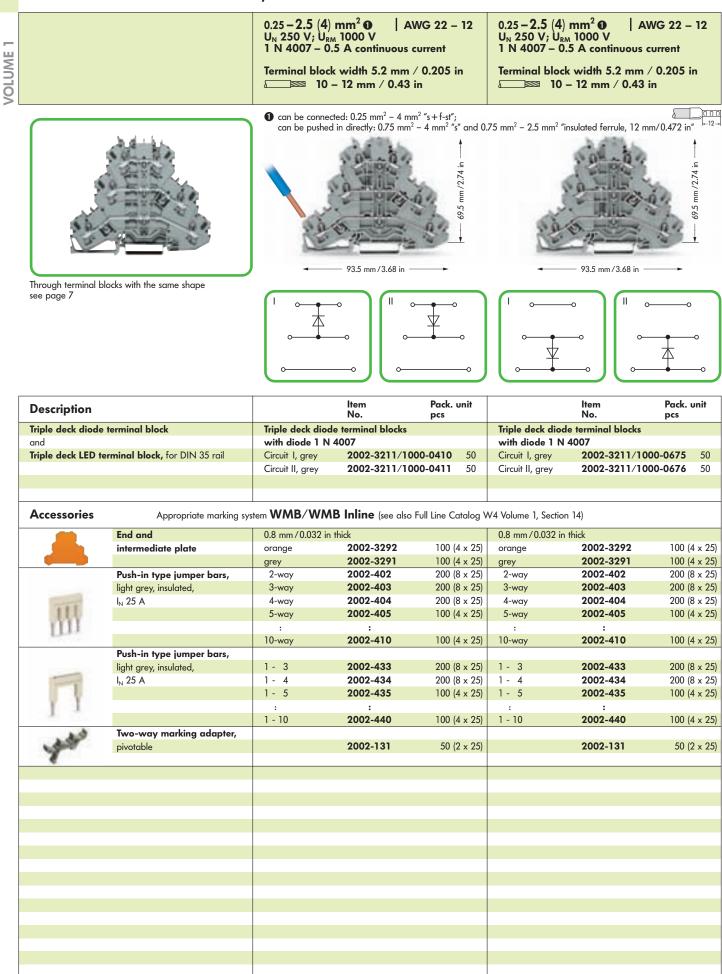
Used for collective fault indication

Used for voltage indication



Downloaded from Arrow.com.

#### TOPJOB<sup>®</sup> Triple Deck Diode Terminal Blocks / Triple Deck LED Terminal Blocks 2.5 mm<sup>2</sup>/4 mm<sup>2</sup> / AWG 12, Series 2002



#### CAGE CLAMP®S

Terminal bloc	mm <sup>2</sup> ●   AV M 1000 V .5 A continuous c k width 5.2 mm / – 12 mm / 0.43 i	/ 0.205 in	0.25 <b>– 2.5</b> (4 DC 24 V I <sub>F</sub> 25 mA me	4) mm <sup>2</sup> 0   A	WG 22 – 12		
			Terminal bla	ock width 5.2 mm	/ 0.205 in		
	10.122			0 – 12 mm / 0.43			
	0.120						
	and the second second						
	A 6 10 1	ŧ		A daily in	+		
	P David C	 .⊆		Non-an	<u> </u>		
	Les al	2.74 i		A STREET	2.74 i		
		69.5 mm /2.74		- Brite	mm / 2.74		
10	· Lating	69.5	de		69.5		
8 a	会に思いて	94	80		9.4		
( P		- ·	100				
-	— 93.5 mm/3.68 in —	-	-	93.5 mm/3.68 in -			
1 ∘ − Ң							
	- 11		4 H	<i>.</i>	<b>*</b> ¥		
<u>∽                                    </u>			↓	0	o		
	- 11			- 11			
	(~		o				
	ltem No.	Pack. unit pcs		ltem No.	Pack. unit pcs		
	le terminal blocks			D terminal blocks			
with 3 diodes 1		00 0/70 50	with red LED,				
Circuit I, grey	2002-3212/10		Circuit I, grey	2002-3221/10			
Circuit II, grey	2002-3212/10	<b>00-0674</b> 50	Circuit II, grey	2002-3221/10	<b>000-0413</b> 50		
	Appro	priate marking syst	em WMB/W	MB Inline (see also	Full Line Catalog W4	Volume 1 Section 14)	
0.8 mm / 0.032 in			0.8 mm / 0.032				
orange	2002-3292	100 (4 × 25)	orange	2002-3292	100 (4 × 25)		
grey	2002-3291	100 (4 x 25)	grey	2002-3291	100 (4 x 25)		
2-way	2002-402	200 (8 × 25)	2-way	2002-402	200 (8 × 25)		
3-way	2002-403 2002-404	200 (8 × 25) 200 (8 × 25)	3-way	2002-403 2002-404	200 (8 x 25) 200 (8 x 25)		
4-way 5-way	2002-405	100 (4 x 25)	4-way 5-way	2002-404	100 (4 x 25)		
:	:		:	:			
10-way	2002-410	100 (4 × 25)	10-way	2002-410	100 (4 × 25)		
1 - 3	2002-433	200 (8 × 25)	1-3	2002-433	200 (8 × 25)		
1 - 4	2002-433	200 (8 x 25) 200 (8 x 25)	1 - 3	2002-433	200 (8 x 25) 200 (8 x 25)		
1-5	2002-435	100 (4 × 25)	1 - 5	2002-435	100 (4 × 25)		
:	:	100 // 05	:	:	100 (4		
1 - 10	2002-440	100 (4 x 25)	1 - 10	2002-440	100 (4 × 25)		
	2002-131	50 (2 × 25)		2002-131	50 (2 × 25)		
					. ,		
							I



#### Push-in Type Wire Jumpers and Star Point Jumpers

VOLUME

1

## Wire jumpers

Nominal voltage: 800 V/8 kV/3 Nominal current: 16 A Nominal cross section: 1.5 mm²/AWG 16 Conductor lengths: 60/110/250 mm 2.36/4.33/9.84 in

Star point jumpers Nominal voltage: Nominal current:

800 V/8 kV/3  $I_N \triangleq I_N$  Terminal block of the relevant series



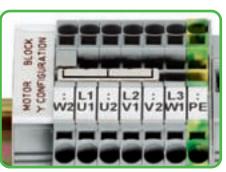


	ltem No.	Packunit pcs		ltem No.	Packuni pcs	it
Push-in type wire			Star Point	Jumpers,	-	
insulated, conductor		mm²/AWG 16,	light grey, i	nsulated		
suitable for rail-mou	nted terminal blo	cks				
series 2001 and 200	)2		suitable for	series		
Wire length			2002	2002-0405	/0011-000	
60 mm / 2.36 in	2009-412	10				
			2004	2004-0405	/0011-000	
110 mm/4.33 in	2009-414	10	2006	2006-0405	/0011-000	
			2010	2010-0405	6/0011-000	
250 mm/9.84 in	2009-416	10				
			2016	2016-0405	6/0011-000	
						_
Applications n						

#### Applications notes



Push down the wire jumper until fully inserted. Lift the jumper with a screwdriver for rewiring.



This jumper has been specially developed to create a "star point" and is used on motor terminal boards equipped with TOPJOB® arail-mounted terminal blocks.

#### Finger Guard Cover

#### Pivotable Group marker carrier

#### Group Marker Carriers Series 2009

Finger guard cover for TOPJOB® rail-mounted terminal blocks

#### WAGO pivotable group marker carrier – for TOPJOB<sup>®</sup>Ø rail-mounted terminal blocks

 – for rail-mounted terminal blocks from 5 mm/0.197 in on and in spacer housings TOPJOB<sup>®</sup> group marker carriers, Module width 5 mm / 0.197 in

Module width 5 mm / 0.197 in Module width 10 mm / 0.394 in Module width 15 mm / 0.591 in

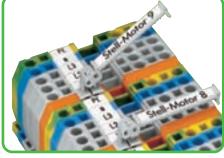
for marker cards and self-adhesive marker cards







	ltem No.	Packunit pcs	ltem No.	Packunit pcs	ltem No.	Packunit pcs
Finger guar	d cover,		Pivotable group marker carrier		TOPJOB <sup>®</sup> group marker carriers,	
serves as tou	chproof protection		249-105	50	snap-on type for jumper slot	
for unused cl	lamping units				5 mm/0.197 in wide 2009-191	50
			Marker card, 4 x 30 pcs per sheet		10 mm/0.394 in wide <b>2009-192</b>	50
for TOPJOB®	I rail-mounted terminal	blocks series	209-183	1 sheet	15 mm/0.591 in wide <b>2009-193</b>	50
2010	2010-100	100 (4 x 25)				
			Protection cover, transparent		WAGO Multi marking system WMB,	
2016	2016-100	100 (4 x 25)	209-184	50	miniature WSB Quick marking system,	
					marker strips, 11 mm / 0.433 in wide	
					for marker cards and self-adhesive man	rker cards
					2009-196	50
					(see also Full Line Catalog W4 Volume	1. Section 14)
					(	.,,
					1	





Insert finger guard cover into unused clamping unit

This pivotable group marker carrier has been developed for group marking of rail-mounted terminal blocks and brings together many requirements of our customers.

- Can be used in all multiprofile marker receptacles for rail-mounted terminal bocks from 5 mm width on or in spacer housings as shown in the picture
- Pivotable in 7 different stable positions, providing the best visual angle in case of difficult mounting conditions
- Two levels for different marking systems Level a:

for marker card (4 x 34) mm (see picture) Level b:

Level b: for 12 WCB-Combi markers (see left column)

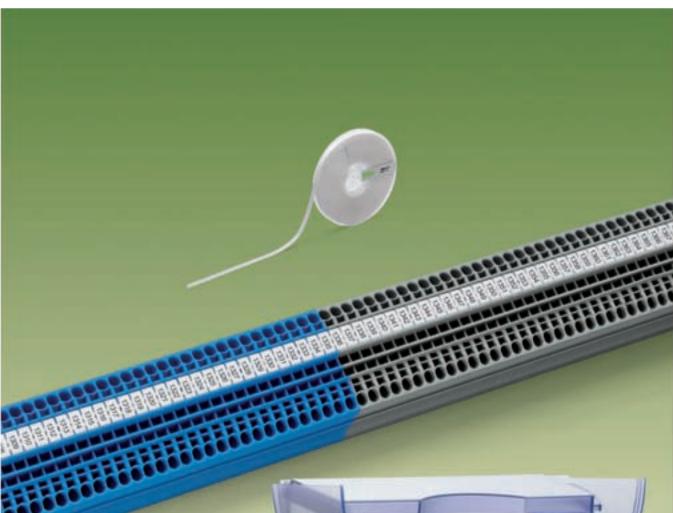


TOPJOB<sup>®</sup> group marker carrier (equipped with WMB Multi marking system). Suitable for all TOPJOB<sup>®</sup> rail-mounted terminal blocks from Series 2001 to 2016

/OLUME



### WAGO Marking System WMB Inline Series 2009



#### Marking

WMB or miniature WSB markers can be used in three positions of the TOPJOB<sup>®</sup> products. Moreover, a full length marking strip can be used in the top position of a terminal block. The terminal blocks from 1.5 mm<sup>2</sup>/AWG 16 to 6 mm<sup>2</sup>/AWG 10 as well as 10 mm<sup>2</sup>/AWG 8 and 16 mm<sup>2</sup>/AWG 6 are at the same height which allows quick marking even of terminal blocks of different sizes. The WAGO "smart Designer" software and a thermal transfer printer generate the marking.

#### WMB – Inline

- Markers "from the roll" save time and money
- A thermal transfer printer and the WAGO "smart Designer" software generate the marking
- Markers fit 5 mm / 0.197 in and 5.2 mm / 0.205 in wide terminal blocks and can hence be used for all 2.5 mm<sup>2</sup> WAGO rail-mounted terminal blocks
- Can be separated easily
- When separated they can also be fitted on all wider WAGO rail-mounted terminal blocks

 WMB Inline, pitch 5 mm/0.197 in,

 for 5 mm/0.197 in and 5.2 mm/0.205 in,

 on roll, 10 m

 white
 2009-115
 1 roll

 1500 markers / roll

		1
		144
		$\leq$
		$\leq$
		0
l		>

 r	





The Range of Rail Mounted Terminal Blocks for Wire Sizes Ranging from 6  $mm^2$  – 95  $mm^2/AWG$  8 to AWG 4/0

## Connecting conductors up to 95 mm<sup>2</sup>/AWG 4/0 with a turn of the hand

The 285 Series of rail-mounted terminal blocks are suitable for applications with rated currents up to 232 A. Based on a unique patented technology, the largest version,

**285-195**, rated for **25-95** mm<sup>2</sup>/AWG 4 to AWG 4/0 has been holding its ground in the market for many years.

Now, two additional terminal blocks for wire sizes down to 6 mm<sup>2</sup> (AWG 8) have been added to the range:

285-135, 6-35 mm<sup>2</sup>/AWG 8 to AWG 2

285-150, 10-50 mm<sup>2</sup>/AWG 8 to 2/0 (70 mm<sup>2</sup> "f-st").

Operation of these new terminals is essentially the same as the 95 mm<sup>2</sup> terminal block. **The 35 mm<sup>2</sup> terminal block has the following differences.** 



In addition to the WMB marking system, custom marking strips can also be used.





Commoning adjacent terminal blocks using centrally positioned adjacent jumper.



Move the marking strip laterally to remove the jumper.

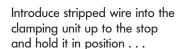


Counter-clockwise rotation using a screwdriver 5.5 mm/ 0.217 in. Hold clamp in open position using the latch.





The voltage tap is inserted into the jumper contact slot. It can be fitted with a strain relief plate and provides test option for  $\emptyset$  2 mm test sockets.







... A small counter-clockwise rotation releases the latch **1**. Once the screwdriver **2** has been removed the conductor is safely clamped.

Side entry wiring means that even larger cables, which are flexible to a limited degree, can be connected without a problem.



2

W/AGO

## High Current Through/Ground (Earth) Conductor Terminal Blocks 35 mm²/AWG 2, Series 285, Side-entry

	AII © 2, 3		Jue-entry					
6 – <b>35 mm<sup>2</sup></b> 1000 V/8 kV/ I <sub>N</sub> 125 A	2 73 ① AWG 600 V 600 V	, 115 A 🔊	6 – 35 mm	AWG	8 – 2	0.2 <b>– 6 mn</b> 800 V/8 kV I <sub>N</sub> 32 A		/G 24 – 10
Terminal block	c width 16 mm – 26 mm / 0.9	/ 0.63 in		' k width 16 mm – 26 mm / 0.9		Terminal blo	ock width 8 mm / 2 – 13 mm / 0.49	
2 III.***		63 mm/2.48 in →	100		63 mm/ 2.48 in		P	
5	— 86 mm / 3.39 in		-	86 mm / 3.39 in -			-	
	ltem No.	Pack. unit pcs		ltem No.	Pack. unit pcs		ltem No.	Pack. unit pcs
2-conductor thre	ough terminal bla	ocks	2-conductor gr	ound (earth) termi	nal blocks	Voltage tap,		•
grey blue	285-135 285-134	15 15	green-yellow	285-137 🌔	15	grey	285-427 🔵	5
To be used <b>exclu</b> sed <b>exclused exclused exclused exclusion of the excl</b>	<b>sively</b> on DIN 35 > thick	< 15;	To be used <b>exclu</b> 2.3 mm / 0.091 i	u <b>sively</b> on DIN 35 s n thick, Cu	c 15;			
Accessories	Appropriate m	narking system <b>WM</b>	B/Marker strip	<b>s</b> (see W4 Volume	l, Section 14)	Appropriate me	arking system WMB	,
Adjacent jumpe	<b>r,</b> insulated,		Adjacent jump	<b>er,</b> insulated,		Strain relief p	<b>ate,</b> snap-on type fo	r voltage tap
1	I <sub>N</sub> 100 A for 1		11	I <sub>N</sub> 100 A for 1			P	
11	I <sub>N</sub> 85 A for 2 grey <b>28</b>	<b>35-435</b> 50 (2 x 25)	n		to 4 jumpers 35-435 50 (2 x 25)	-	grey 7	<b>59-410</b> 100 (4×25)
Screwdriver wit	h partially insulat	. ,	crewdriver with	n partially insulate	. ,	Test plug, with	cable 500 mm / 1'7.7"	
	type 3, blade			type 3, blade			2 mm Ø, red <b>2</b>	<b>10-136</b> 50 (5 × 10)
	0.217 in x 0.03 21	31 in 1 <b>0-621</b> 1		0.217 in x 0.03 21	1 in 1 <b>0-621</b> 1			
Protective warni			Protective warr			<b>0</b>		
-	-	ige symbol, black <b>35-420</b> 50 (2×25)	-	-	ge symbol, black <b>35-420</b> 50 (2 x 25)	3 = p	ated voltage ated surge voltage vollution degree Ill Line Catalog W4 V	Juma 1 Saction 15)
Finger guard cov	ver, serves as touch		Finger guard co	over, serves as touch			in Line Calalog VV4 V	olome 1, section 15)
1		d clamping units <b>35-421</b> 25			d clamping units 3 <b>5-421</b> 25			
Test plug adapte	4 mm/0.157 ir	wide, for test plug Ø <b>33-404</b> 25	Test plug adapt	ter, 11.6 mm/4.57 in 4 mm/0.157 ir 28				
Test plug, Ø 4 mr	contact, not of e.g.Fa. Multi-Ca	ed against accidental fered by WAGO ntact Deutschland GmbH 79551 Weil am Rhein	Test plug, ∅ 4 m	e.g. Fa. Multi-Ca	ed against accidental fered by WAGO ntact Deutschland GmbH 79551 Weil am Rhein			
Hegenheimerstraf	Be 19 · 79576 Weil		Hegenheimerstro	1606 • 18e 19 • 79576 Weil				



### 2 High Current Through/Ground (Earth) Conductor Terminal Blocks 50 (70 "f-st") mm<sup>2</sup>/AWG 2/0; Series 285, Side-entry

10 50 (70	,		10 50 /70 /			0.00 (	2 1	
10 – 50 (70 1000 V/8 kV/ I <sub>N</sub> 150 A	"f-st") mm²   A ∕3 ❶   6	AWG 8 - 2/0 500 V 500 V	10 - 50 (70 -	r-sr)mm⁻	AWG 8 – 2/0	2 x 0,2 <b>– 6</b> 1000 V/8 k I <sub>N</sub> 41 A	//3	AWG 24 – 10
	k width 20 mm		Terminal block	width 20 mi mm / 1.18 in	n / 0.78 in	Module wid	th 16 mm / 0. 2 – 13 mm / 0	
A month	94mm/3.70in —	87 mm/343 in		94mm/3.70in	8/ mm/3.43 in		A A A	100
	ltem No.	Pack. unit pcs		ltem No.	Pack. unit pcs		ltem No.	Pack. uni pcs
2-conductor three	ough terminal bloc		2-conductor grou		· ·	Voltage tap,		
grey	285-150	5	green-yellow	285-157 🔵	5	grey	285-447 🔵	5
blue	285-154 🔵	5						
	<b>sively</b> on DIN 35 x	15;	To be used <b>exclus</b>	-	x 15;			
2.3 mm / 0.091 in	n thick		2.3 mm / 0.091 in	thick, Cu				
_			-					
Accessories		arking system <b>WM</b>	<b>3</b> (see Full Line Catal	-	I, Section 14)	Appropriate mo	arking system <b>WI</b>	NR
Adjacent jumpe	r, insulated, I <sub>N</sub> 150 A		Adjacent jumper	<mark>, insulated,</mark> I <sub>N</sub> 150 A		<b>1</b> 000 V = ro	nted voltage	
-		<b>5-450</b> 25	-		<b>285-450</b> 25	8  kV = rc 3 = p	ated surge voltage ollution degree	
Hex wrench wit	h partially insulate		Hex wrench with			(see also Fu	II Line Catalog W	4 Volume 1, Section
	285	5-172 1			285-172 1			
Protective warn	ing marker,		Protective warning	ng marker,				
	with high voltag				tage symbol, black			
	yellow 28	<b>5-420</b> 50 (2 × 25)		yellow 2	<b>285-420</b> 50 (2 × 25)			
Finger guard co	<b>ver,</b> serves as touchp	proof protec-	Finger guard cov	<b>rer,</b> serves as tou	chproof protec-			
1	tion for unused		1		ed clamping units			
	yellow 285	<b>5-421</b> 25		yellow 2	285-421 25			
Test plug Ø 4 m	m / 0.157 in, protected	aggingt aggidental	Test plug Ø 4 mm	, (0.157 in proto	ted against accidental			
lesi piog, o 4 m	contact, not offe		lesi piog, o 4 min		offered by WAGO			
	e.g. Fa. Multi-Cont	tact Deutschland GmbH		e.g. Fa. Multi-	Contact Deutschland GmbH			
		9551 Weil am Rhein			• 79551 Weil am Rhein			
Hegenheimerstrat	Be 19 • 79576 Weil a	im Khein	Hegenheimerstraß	e 19 · /95/6 We	il am Rhein			

#### Collective Carrier for Standard and Special Jumpers, Series 282

Collective carrier for standard and special jumpers in longitudinal disconnect and transverse switch terminal blocks, Series 282, can be snapped onto DIN 35 rail Width 15.8 mm / 0.62 in (\$\geq 2 x pitch 8 mm)



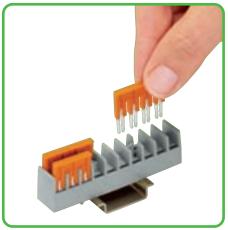
\_\_\_\_\_ 81.6 mm / 3.21 in \_\_\_\_\_

	ltem No.	Pack. unit pcs
Collective carrier fe		
	282-369	25
Suitable for jumpers	for	
transverse switch t. b	l. 282-811 an	d
longitudinal disc. t. b		
-		
Appropriate fo	or the follow	ina iumpers:
Jumpers, orange, I		
sectory or angely in		<b>432</b> 50 (5 × 10)
		<b>433</b> 50 (5 x 10)
TT		<b>434</b> 50 (5 × 10)
11		<b>435</b> 50 (5 × 10)
		<b>436</b> 50 (5 x 10)
		<b>437</b> 50 (5 × 10)
		<b>438</b> 50 (5 x 10)
		<b>439</b> 50 (5 × 10)
	10-way 202-	<b>440</b> 50 (5 x 10)
Jumpers, special v	enten ereneo l	20 4
Jumpers, special v	ersion, orange, i	<sub>N</sub> 30 A
0 (1.0.5)	000 405 (011	000 50 (5 10)
3-way (1-3-5)		-000 50 (5 x 10)
4-way (1-3-5-7)	282-437/011	-000 50 (5 x 10)
т. н. е	•	
The collective carr DIN 35 rails. It ser		
jumpers, e.g. durir		
pumpers, e.g. dom	ig mainenance	WOIK.

#### Storage

Safe storage for jumpers that are only needed temporarily in longitudinal disconnect and transverse switch terminal blocks.

Jumpers are used as a "switch" for the transformer short circuit, for example with the longitudinal disconnect terminal blocks. Pre-locking positions in the terminal blocks hold the jumpers captive during normal operation. For users who prefer to store the jumpers outside the terminal block, the collective carrier is an ideal solution.



Insertion of a jumper

#### Transformer test circuits and complex wiring tasks...

...are no problem and only require minimum space.

Customised jumpers are available on request

Application areas:

Power supplyTransformer test circuits



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## X-COM<sup>®</sup> SYSTEM 2-Conductor/1-Pin Receptacle Terminal Blocks

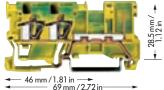
E 1	0.08 – 4 mm <sup>2</sup> 500 V/6 kV/3 <b>0</b> I <sub>N</sub> 32 A*	AWG 28 – 12 300 V, 20 A <b>FN</b> 300 V, 20 A ®	0.08 – 4 mm <sup>2</sup>   AWG 28 – 12
VOLUME	Terminal block widt		Terminal block width 5 mm / 0.197 in 8 – 9 mm / 0.33 in * 51 @
-			

9

- 500 V = rated voltage
  6 kV = rated surge voltage
  3 = pollution degree
  (see also Full Line Catalog W4 Volume 1, Section 15)
  See application notes in our Full Line Catalog W4 Volume 1, pages 2.43 2.45



← 46 mm / 1.81 in → ← 69 mm / 2.72 in



— 46 mm / 1.81 in —► 69 mm / 2.72 in

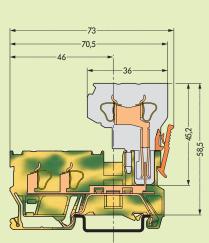
Description		ltem No.	Pack. unit pcs		ltem No.	Pack. unit pcs
2-conductor/1-pin receptacle terminal block,	2-conductor/1-pin receptacle terminal block			2-conductor/1-pin ground (earth) receptacle		
suitable for DIN 35 rail acc. to EN 50022	grey	769-251	50	terminal block		
				green-yellow	769-257	50

	End and		1.1 mm / 0.043 in thick			1.1 mm / 0.043 ir	n thick	
	intermediate plate				100 (4 x 25)	grey	769-320	100 (4 × 25
	internediate plate		orange	769-321	100 (4 x 25)	orange	769-321	100 (4 x 25
	Screwless		orunge	707-521	100 (4 x 23)	orunge	707-021	100 (4 x 23
-10-	end stop		6 mm/0.236 in wide	240-116	100 (4 x 25)	6 mm /0.236 in	wide <b>249-116</b>	100 (4 x 25
-	end stop		10 mm/0.394 in wide		50 (2 x 25)	10 mm / 0.394 in		50 (2 x 25
	Insulation stop 2,	white	$0.08 - 0.2 \text{ mm}^2$	769-470	200 strips	$0.08 - 0.2 \text{ mm}^2$	769-470	200 strips
	5 pcs/strip	light grey	0.25 – 0.5 mm <sup>2</sup>	769-471	200 strips	$0.25 - 0.5 \text{ mm}^2$	769-471	200 strips
	5 pes/ sinp	dark grey	$0.75 - 1 \text{ mm}^2$	769-472	200 strips	$0.75 - 1 \text{ mm}^2$	769-472	200 strips
	Adjacent jumper,	I <sub>N</sub> 24 A	grey	280-402	200 (8 x 25)	yellow-green	280-422	200 sinps 200 (8 x 25
11 11	insulated	IN 24 A	grey	200-402	200 (0 x 23)	yellow-green	200-422	200 (0 x 25
	Alternate jumper		grey	280-409	100 (4 x 25)	grey	280-409	100 (4 x 25
4 4 4	Staggered jumper	from 1 to 2	I <sub>N</sub> 24 A	780-452	100 (4 x 25)	I <sub>N</sub> 24 A	780-452	100 (4 x 25
	insulated,	from 1 to 3	·N = · · ·	780-453	100 (4 x 25)	·N = · · ·	780-453	100 (4 x 25
	width 5 mm / 0.197 in			780-454	100 (4 x 25)		780-454	100 (4 x 25
K N		from 1 to 5		780-455	50 (2 × 25)		780-455	50 (2 x 25
				:	00 (2 / 20)		:	00 (2 × 20
A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR O		from 1 to 8		780-458	50 (2 x 25)		780-458	50 (2 x 25
	Push-in type wire jumper 2,		L = 60  mm / 2.362  in		10	L = 60  mm/2.36		10
(-1)	insulated, 9 A – conductor		L = 110 mm / 4.331 in		10	L = 110  mm / 4.33	31 in <b>249-126</b>	10
1 1	cross section 0.75 mm <sup>2</sup> /AWG 18		L = 250  mm / 9.843  in		10	L = 250  mm / 9.84		10
	Coding pin,							
11	for coding of female plugs		orange	769-435	100 (4 × 25)	orange	769-435	100 (4 x 25
• •	Protective warning	marker,						
	for 5 terminal blocks,		yellow	280-415	100 (4 x 25)			
	fits into screwdriver slot							
	Test plug, w. cable 50	00 mm/1'7.7"						
	2 mm	n/0.079 in Ø	red	210-136	50 (5 × 10)	red	210-136	50 (5 x 10
	2.3 mm/0.091 in Ø		yellow	210-137	50 (5 × 10)	yellow	210-137	50 (5 x 10
	Test plug module,		Item numbers and application notes see			Item numbers and application notes see		
100	for test using jumper	position in	Full Line Catalog W4 Volume, pages 2.38 – 2.40			Full Line Catalog W4 Volume 1, pages 2.38 – 2.40		
111	current bar or cond.	wire opening						
	Test plug adapter		5 mm / 0.197 in wide			5 mm / 0.197 in wide		
				280-404	100 (4 x 25)		280-404	100 (4 x 25
U			for test plug 210-137	7 (Ø 2.3 mm)		for test plug 210	)-137 (Ø 2.3 mm)	
	1-conductor female	e plug,						
11	straight or angled		see Full Line Catalog	g W4 Volume 1,	pages 9.44/9.46	see Full Line Cat	talog W4 Volume 1, p	ages 9.44/9.46
	2-conductor female	e plug						
			see Full Line Catalog W4 Volume 1, page 9.45			see Full Line Catalog W4 Volume 1, page 9.45		

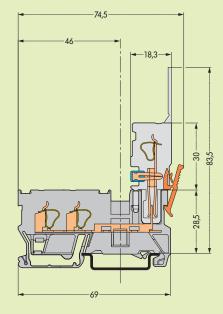
\* Further approvals with corresponding ratings can be found at www.wago.com

## CAGE CLAMP®

# Types of Assembly 2-Conductor/1-pin Receptacle Terminal Blocks and 1-/2-Conductor Female Plugs



Ground (earth) receptacle terminal block





1-conductor female plug straight and angled series 280 and 780, and testing possibility with test plug adapter 280-4...

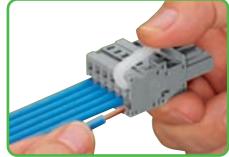
2-conductor female plug

Commoning possibility of receptacle terminal blocks only with adjacent jumpers and alternate jumpers, series 280

Receptacle terminal block



Operating lever, loose, for female plugs and male connectors with CAGE CLAMP® connection Item number: 769-434



Wire connection using operating lever



9

**VOLUME 1** 

## **2** X-COM<sup>®</sup> SYSTEM 1-Conductor/1-Conductor Disconnect Receptacle Terminal Blocks with 2 Jumper Positions

	Disconnec				z Jumper	FOSITIONS
VOLUME 1			0.08 - 4 mm <sup>2</sup> 400 V/6 kV/3 ( I <sub>N</sub> 32 A Terminal block v 8 - 9	300 V, width 5 mm	/ 0.197 in	
Γ	<ul> <li>500 V = rated va 6 kV = rated su 3 = pollution (see also Full Line Volume 1, Section 9 See application na Full Line Catalog N pages 2.43 - 2.45</li> </ul>	rge voltage degree Catalog W4 15) ves in our W4 Volume 1,	46 mm/1.	81 in		
	Description			ltem No.	Pack. unit pcs	
	1-conductor/1-cond	luctor disconnect receptacle	1-cond./1-cond. d	isconnect rece	eptacle term. block	
	terminal block		grey	769-242	50	
	2 jumper positions,	l (screen) contact and	1-cond./1-cond. d with shield (screen		eptacle term. block	
	suitable for DIN 35 rd		grey	769-243	50	
	Accessories app	ropriate marking system Mini-WS	<b>B</b> (see also Full Line C	ataloa W4 Volu	ume 1. Section 14)	+ 6
		End and	1.1 mm / 0.043 in thi	-		
		intermediate plate	grey	769-317	100 (4 × 25)	
			orange	769-318	100 (4 × 25)	
	-	Separator plate,	1.1 mm / 0.043 in thi		100 (4 05)	
		oversized	orange	769-319	100 (4 × 25)	
-		Screwless				
	111	end stop	6 mm / 0.236 in wide		100 (4 x 25)	
-		In sulation stan	10 mm / 0.394 in wide		50 (2 × 25)	
		Insulation stop 2, white 5 pcs/strip light grey	0.08 - 0.2 mm <sup>2</sup> 0.25 - 0.5 mm <sup>2</sup>	769-470 769-471	200 strips 200 strips	87,5
		dark grey	0.75 – 1 mm <sup>2</sup>	769-472	200 strips	
		Adjacent jumper, I <sub>N</sub> 24 A	grey	280-402	200 (8 × 25)	
		insulated		280-409	100 (4 × 25)	
-	97 U U	Alternate jumper Staggered jumper @, from 1 to 2	grey I <sub>N</sub> 24 A	780-452	100 (4 x 25)	
		insulated, from 1 to 3		780-453	100 (4 × 25)	
		width 5 mm/0.197 in from 1 to 4		780-454	100 (4 × 25)	
		from 1 to 5		780-455	50 (2 × 25)	
	W ···	: from 1 to 8		: 780-458	50 (2 × 25)	
-	$\frown$	Push-in type wire jumper @,	L = 60 mm / 2.362 in		10	
	(l)	insulated, 9 A – conductor	L = 110  mm / 4.331  in	249-126	10	
-		cross section 0.75 mm <sup>2</sup> /AWG 18	L = 250 mm / 9.843 in	249-127	10	
		Protective warning marker, for 5 terminal blocks	yellow	280-415	100 (4 × 25)	1 ····
		fits into screwdriver slot,	yenow	200 110	100 (1 x 20)	
		Test plug, w. cable 500 mm/1'7.7"				
		Ø 2 mm/0.079 in Ø 2.3 mm/0.091 in	red	210-136 210-137	50 (5 × 10)	And the owner of the owner own
	-	Ø 2.3 mm/ 0.091 in	yellow	210-137	50 (5 x 10)	

## X-COM<sup>®</sup>-SYSTEM 2-Conductor/2-Pin Double Deck Receptacle Terminal Blocks Series 870

		500 V/6 kV/ I <sub>N</sub> 16 A Terminal bloo	3 <b>0</b> :k width 5 mm /	0.197 in	Terminal blo	:k width 5 mm /	0.197 in
9 500 V = rated 6 kV = rated 3 = polluti (see also Full Lir	surge voltage on degree ne Catalog W4		88.6 mm/3.49 in -			88.6 mm /3.49 in -	371 mm/
Volume 1, Sectio	(כו חנ		ltem	Pack. unit		ltem	Pack. unit
escription		-	No.	pcs		No.	pcs
- <b>pin/2-pin doub</b> l <b>ock,</b> suitable for	ole deck receptacle terminal DIN 35 rail	Through/throughousing color gr	<mark>gh terminal blocks,</mark> ev				
		L/L	870-151	50			
pin double dec table for DIN 35	k receptacle terminal block, rail				4-pin ground (	earth) conductor te	rminal block,
						ing, housing color gr	
					PE	870-157	50
	· · · · ·		-: WCD /		VI 16 c		
ccessories	appropriate marking s		-	ull Line Catalog W4		-	
ccessories	appropriate marking sy End and intermediate plate	vstem <b>WMB/Mi</b> 1 mm/0.039 in 1 grey	-	ull Line Catalog W4 100 (4 x 25)	Volume 1, Section 1 mm / 0.039 in grey	-	100 (4 x 25)
ccessories	End and intermediate plate	1 mm/0.039 in grey orange	thick 870-168 870-169	100 (4 × 25) 100 (4 × 25)	1 mm/0.039 in t grey orange	hick 870-168 870-169	100 (4 × 25)
ccessories	End and intermediate plate Push-in type jumper bars,	1 mm/0.039 in grey orange 2-way	hick 870-168 870-169 870-402	100 (4 × 25) 100 (4 × 25) 200 (8 × 25)	1 mm/0.039 in t grey orange 2-way	hick 870-168 870-169 870-402	100 (4 × 25) 200 (8 × 25)
ccessories	End and intermediate plate	1 mm/0.039 in grey orange	thick 870-168 870-169	100 (4 × 25) 100 (4 × 25)	1 mm/0.039 in t grey orange	hick 870-168 870-169	100 (4 x 25) 100 (4 x 25) 200 (8 x 25) 200 (8 x 25) 200 (8 x 25) 200 (8 x 25)
ccessories	End and intermediate plate Push-in type jumper bars, light grey, insulated,	1 mm / 0.039 in - grey orange 2-way 3-way 4-way 5-way	hick 870-168 870-169 870-402 870-403 870-403 870-404 870-405	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25)	1 mm / 0.039 in t grey orange 2-way 3-way 4-way 5-way	hick 870-168 870-169 870-402 870-403 870-403 870-404 870-405	100 (4 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)
ccessories	End and intermediate plate Push-in type jumper bars, light grey, insulated,	1 mm / 0.039 in - grey orange 2-way 3-way 4-way 5-way :	hick 870-168 870-169 870-402 870-403 870-403 870-404 870-405 :	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25)	1 mm /0.039 in t grey orange 2-way 3-way 4-way 5-way :	hick 870-168 870-169 870-402 870-403 870-404 870-405 :	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25)
ccessories	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars,	1 mm / 0.039 in - grey orange 2-way 3-way 4-way 5-way : 10-way	hick 870-168 870-169 870-402 870-403 870-404 870-405 : 870-410	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25)	1 mm /0.039 in t grey orange 2-way 3-way 4-way 5-way : 10-way	hick 870-168 870-169 870-402 870-403 870-404 870-405 : 870-410	100 (4 × 25)           200 (8 × 25)           200 (8 × 25)           200 (8 × 25)           200 (4 × 25)           100 (4 × 25)           100 (4 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars, light grey, insulated,	1 mm / 0.039 in grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3	thick 870-168 870-169 870-402 870-403 870-404 870-405 : 870-410 870-433	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25)	1 mm /0.039 in t grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3	hick 870-168 870-169 870-402 870-403 870-404 870-405 : 870-410 870-433	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars,	1 mm / 0.039 in grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3 from 1 to 4	thick 870-168 870-402 870-403 870-403 870-404 870-405 : 870-410 870-433 870-434	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25)	1 mm / 0.039 in t grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3 from 1 to 4	hick 870-168 870-402 870-403 870-403 870-404 870-405 : 870-410 870-433 870-433	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars, light grey, insulated,	1 mm / 0.039 in / grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3 from 1 to 4 from 1 to 5 :	thick 870-168 870-169 870-402 870-403 870-404 870-405 : 870-410 870-433 870-433 870-434 870-435 :	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25)	1 mm /0.039 in t grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3 from 1 to 4 from 1 to 5 :	hick 870-168 870-402 870-403 870-404 870-405 : 870-410 870-433 870-433 870-435 :	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A	1 mm / 0.039 in grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3 from 1 to 4 from 1 to 5	hick 870-168 870-169 870-402 870-403 870-404 870-405 : 870-410 870-433 870-433 870-434 870-435	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25)	1 mm / 0.039 in t grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3 from 1 to 4 from 1 to 5	hick 870-168 870-169 870-402 870-403 870-404 870-405 : 870-410 870-433 870-433 870-434 870-435	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Miniature WSB quick marking card, 10 strips with 10 markers	1 mm / 0.039 in · grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10	thick 870-168 870-169 870-402 870-403 870-404 870-405 : 870-410 870-433 870-433 870-434 870-435 :	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25)	1 mm /0.039 in f grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10	hick 870-168 870-402 870-403 870-404 870-405 : 870-410 870-433 870-433 870-435 :	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Miniature WSB quick marking card, 10 strips with 10 markers each, white with black printing 1-connector female plug,	1 mm / 0.039 in grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	thick 870-168 870-402 870-402 870-403 870-403 : 870-405 : 870-410 870-433 870-433 870-434 870-435 : 870-440 alog W4 Volume 1, S	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)	1 mm / 0.039 in f grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	hick 870-168 870-169 870-402 870-403 870-403 870-405 : 870-410 870-433 870-434 870-435 : 870-435 : 870-440 alog W4 Volume 1, S	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Miniature WSB quick marking card, 10 strips with 10 markers each, white with black printing	1 mm / 0.039 in grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	hick 870-168 870-169 870-402 870-403 870-404 870-405 : 870-410 870-433 870-433 870-434 870-435 : 870-440	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)	1 mm / 0.039 in f grey orange 2-way 3-way 4-way 5-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	hick 870-168 870-402 870-403 870-403 870-405 : 870-410 870-433 870-433 870-434 870-435 : 870-440	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Miniature WSB quick marking card, 10 strips with 10 markers each, white with black printing 1-connector female plug,	1 mm / 0.039 in grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	thick 870-168 870-402 870-402 870-403 870-403 : 870-405 : 870-410 870-433 870-433 870-434 870-435 : 870-440 alog W4 Volume 1, S	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)	1 mm / 0.039 in 1 grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	hick 870-168 870-169 870-402 870-403 870-403 870-405 : 870-410 870-433 870-434 870-435 : 870-435 : 870-440 alog W4 Volume 1, S	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Miniature WSB quick marking card, 10 strips with 10 markers each, white with black printing 1-connector female plug, straight 1-connector female plug,	1 mm / 0.039 in grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	thick 870-168 870-169 870-402 870-403 870-403 : 870-405 : 870-410 870-433 870-433 870-433 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-440 870-435 : 870-440 870-440 870-440 870-435 : 870-440 870-455	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)	1 mm / 0.039 in 1 grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	hick 870-168 870-402 870-403 870-403 870-403 : 870-405 : 870-410 870-433 870-433 870-433 870-435 : 870-435 : 870-440 alog W4 Volume 1, S	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Miniature WSB quick marking card, 10 strips with 10 markers each, white with black printing 1-connector female plug, straight 1-connector female plug,	1 mm / 0.039 in grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	thick 870-168 870-169 870-402 870-403 870-403 : 870-405 : 870-410 870-433 870-433 870-433 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-440 870-435 : 870-440 870-440 870-440 870-435 : 870-440 870-455	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)	1 mm / 0.039 in 1 grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	hick 870-168 870-402 870-403 870-403 870-403 : 870-405 : 870-410 870-433 870-433 870-433 870-435 : 870-435 : 870-440 alog W4 Volume 1, S	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Miniature WSB quick marking card, 10 strips with 10 markers each, white with black printing 1-connector female plug, straight 1-connector female plug,	1 mm / 0.039 in grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	thick 870-168 870-169 870-402 870-403 870-403 : 870-405 : 870-410 870-433 870-433 870-433 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-440 870-435 : 870-440 870-440 870-440 870-435 : 870-440 870-455	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)	1 mm / 0.039 in 1 grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	hick 870-168 870-402 870-403 870-403 870-403 : 870-405 : 870-410 870-433 870-433 870-433 870-435 : 870-435 : 870-440 alog W4 Volume 1, S	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)
	End and intermediate plate Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Push-in type jumper bars, light grey, insulated, I <sub>N</sub> 18 A Miniature WSB quick marking card, 10 strips with 10 markers each, white with black printing 1-connector female plug, straight 1-connector female plug,	1 mm / 0.039 in grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	thick 870-168 870-169 870-402 870-403 870-403 : 870-405 : 870-410 870-433 870-433 870-433 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-435 : 870-440 870-440 870-440 870-435 : 870-440 870-440 870-440 870-435 : 870-440 870-455	100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)	1 mm / 0.039 in 1 grey orange 2-way 3-way 4-way : 10-way from 1 to 3 from 1 to 3 from 1 to 4 from 1 to 5 : from 1 to 10 see Full Line Cat	hick 870-168 870-402 870-403 870-403 870-403 : 870-405 : 870-410 870-433 870-433 870-433 870-435 : 870-435 : 870-440 alog W4 Volume 1, S	100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 200 (8 × 25) 200 (8 × 25) 200 (8 × 25) 100 (4 × 25) 100 (4 × 25) 100 (4 × 25)



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Jobis         No.         pcs         plot         No.         pcs         Plot         No.         pcs           icenductor female plags, with coding fingers, sloe,         1-conductor female plag, with coding fingers, gray, blue, green-yellow, commoning possibility with miniature adjacent jumpers         1-conductor female plag, with coding fingers, gray, blue, green-yellow, commoning possibility with miniature adjacent jumpers         5 poles         769-105/000-006         200           1         pole         769-101/000-006         200         3 poles         769-103/000-008         5           3         pole         769-103/000-006         50         1-conductor female plag, with coding fingers, grees, vellow, blue, grey         1         commoning possibility with miniature adjacent jumpers           5         poles         769-103/000-006         50         1-conductor female plag, with coding fingers, grey, blue, grey         commoning possibility with miniature adjacent jumpers           7         poles         769-103/000-006         50         3         poles         769-103/000-03         50           9         poles         769-103/000-006         50         3         poles         769-103/000-03         5           9         poles         769-113/000-006         50         5         5         5         5         poles         7				A ser a			A strain		
L-conductor female plugs, with coding fingers, grey, blue, green-yallow, commoning possibility with miniature adjacent jumpers         1-conductor female plug, with coding fingers, grey, blue, green-yallow, commoning possibility with miniature adjacent jumpers         1-conductor female plug, with coding fingers, grey, blue, green-yallow, sommoning possibility with miniature adjacent jumpers         5 poles         769-105/000-0038         50           1 pole         769-101/000-006         50         3 poles         769-103/000-0038         50           2 poles         769-103/000-006         50         3 poles         769-103/000-038         50           3 poles         769-103/000-006         50         3 poles         769-103/000-038         50           9 poles         769-103/000-006         50         3 poles         769-103/000-039         50         5 poles         769-105/000-039           10 poles         769-111/000-006         50         3 poles         769-103/000-039         5         5 poles         769-105/000-039           10 poles         769-111/000-006         50         3         5         5         poles         769-1105/000-039         5         5         poles         769-105/000-039           10 poles         769-111/000-006         50         5         poles         769-105/000-039         5         poles         76	No. of								Pack. u
ble,         grey, blue, green-yellow, commoning possibility with miniature adjacent jumpes         green-yellow, commoning possibility with miniature adjacent jumpes         green-yellow, commoning possibility with miniature adjacent jumpes           1 pole         769-101/000_006         200         3 poles         769-103/000-03         5 poles         769-105/000-030           3 poles         769-102/000-006         50         1-conductor female plug, with coding fingers, green-yellow, blue, grey         1-conductor female plug, with coding fingers, green-yellow, blue, grey         1-conductor female plug, with miniature adjacent jumpes         1-conductor female plug, with miniature adjacent jumpes           7 poles         769-106/000-006         50         3 poles         769-103/000-039         50           7 poles         769-107/000-006         50         3 poles         769-103/000-039         50         5 poles         769-105/000-039           9 poles         769-107/000-006         50         3 poles         769-103/000-039         50         5 poles         769-105/000-039         50           1 poles         769-113/000-006         50         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3	•		•	-		•			
1 pole         769-101/000-006         200           2 poles         769-102/000-006         100         3 poles         769-103/000-038         50           3 poles         769-102/000-006         50         1-conductor female plug, with coding fingers, green-yellow, blue, grey         1-conductor female plug, with miniature adjacent jumpers           5 poles         769-108/000-006         50         2-conductor female plug, with miniature adjacent jumpers         commoning possibility with miniature adjacent jumpers           7 poles         769-108/000-006         50         3 poles         769-108/000-039         50           9 poles         769-108/000-006         50         3 poles         769-108/000-039         50           9 poles         769-1108/000-006         50         1         5 poles         769-105/000-039           10 poles         769-113/000-006         50         1         1         1         1           10 poles         769-113/000-006         50         1         1         1         1         1           10 poles         769-113/000-006         50         1         1         1         1         1         1           10 poles         769-113/000-006         50         1         1         1         1	blue,	prege, min count	0						
2 poles 769-102/000-006 100 3 poles 769-103/000-038 50 3 poles 769-104/000-006 50 5 poles 769-104/000-006 50 5 poles 769-105/000-006 50 7 poles 769-107/000-006 50 9 poles 769-107/000-006 50 9 poles 769-107/000-006 50 1 -conductor female plug, with coding fingers, green-yellow, blue, grey commoning possibility with miniature adjacent jumpers 7 poles 769-107/000-006 50 9 poles 769-110/000-006 50 2 poles 769-110/000-006 50 3 poles 769-110/000-006 50 5 poles 769-110/000-006 50 5 poles 769-111/000-006 50 5 poles 769-115/000-006 50 5 poles 769-110	commoning p	ossibility with miniature adj	jacent jumpers	commoning	possibility with minic	ture adjacent jumpers			e adjacent jump
2 poles 769-102/000-006 100 3 poles 769-103/000-038 50 3 poles 769-104/000-006 50 5 poles 769-104/000-006 50 5 poles 769-105/000-006 50 7 poles 769-107/000-006 50 9 poles 769-107/000-006 50 9 poles 769-107/000-006 50 1 -conductor female plug, with coding fingers, green-yellow, blue, grey commoning possibility with miniature adjacent jumpers 7 poles 769-107/000-006 50 9 poles 769-110/000-006 50 2 poles 769-110/000-006 50 3 poles 769-110/000-006 50 5 poles 769-110/000-006 50 5 poles 769-111/000-006 50 5 poles 769-115/000-006 50 5 poles 769-110									
3 poles       769-103/000-006       50       1       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yellow, blue, grey       1-conductor female plug, with coding fingers, green-yeliow, blue, grey       1-conductor female plug, green-yel				2	760 102/004	029 50	5 poles	769-105/000-0	38
4 poles         769-104/v00-006         50         1-conductor female plug, with coding fingers, green-yellow, blue, grey         1-conductor female plug, with coding fingers, green-yellow, blue, grey         commoning possibility with initiature adjacent jumper           7 poles         769-108/v00-006         50         3 poles         769-108/v00-006         50           8 poles         769-108/v00-006         50         3 poles         769-103/v00-005         50         5 poles         769-103/v00-005         50           9 poles         769-103/v00-006         50         3 poles         769-103/v00-039         50         5 poles         769-105/v00-039           10 poles         769-111/v00-006         50         1         50         5				3 poles	/09-103/00	50			
5 poles         769-105/000-006         50         green-yellow, blue, grey         green-yellow, blue, grey         commoning possibility with minicture adjacent jumpers         commoning possi				1-conducto	r female plug. wit	a coding fingers	1-conducto	r female plug, with o	odina finaers
6 poles 769-106/000-006 50 8 poles 769-109/000-006 50 9 poles 769-109/000-006 50 10 poles 769-111/000-006 50 12 poles 769-111/000-006 50 13 poles 769-111/000-006 50 14 poles 769-111/000-006 50 50 V = roted voltage 6 kV = roted voltage 7 subtoble for 1-conductor femole plugs 10 subtof 1, 24 A, grey, subtoble for 1-conductor femole plugs 10 subtof 1, 24 A, grey, 10 s									
7 poles 769-107/000-006 50 8 poles 769-108/000-006 50 10 poles 769-110/000-006 50 2 poles 769-111/000-006 50 3 poles 769-113/000-006 50 5 poles 769-113/000-006 50 5 poles 769-113/000-006 50 5 poles 769-115/000-006 50 5						ture adjacent jumpers			e adjacent jump
9 poles 769-109/000-006 50 10 poles 769-110/000-006 50 12 poles 769-112/000-006 50 13 poles 769-113/000-006 50 15 poles 769-115/000-006 50 15 poles 769-115/000-006 50 16 poles 769-115/000-006 50 17 pole 769-115/000-006 50 17 pole 769-115/000-006 50 18 pole 769-115/000-006 50 19 pole 769-1000-006 50 19 pole 769-100000000000000				5	·				
10 poles 769-110/000-006 50 12 poles 769-113/000-006 50 13 poles 769-113/000-006 50 15 poles 769-114/000-006 50 15 poles 769-115/000-006 50 15 poles 769-115	8 poles	769-108/000-006	50	3 poles	769-103/00	<b>50</b>	5 poles	769-105/000-0	39
11 poles       769-111/000-006       50         12 poles       769-1112/000-006       50         13 poles       769-1114/000-006       50         15 poles       769-1115/000-006       50         15 poles       769-1115/000-006       50         15 poles       769-1115/000-006       50         16 poles       769-1115/000-006       50         17 poles       769-1115/000-006       50         18 poles       769-1115/000-006       50         19 poles       769-1115/000-006       50         10 poles       769-1115/000-006       50         11 poles       769-1115/000-006       50         12 poles       769-1115/000-006       50         13 pole       1111/000-006       50         14 poles       769-1115/000-006       50         15 poles       769-1115/000-006       50         15 poles       769-1115/000-006       50         16 poles       769-1115/000-006       50         17 poles       769-1115/000-006       769-1115/000-006         18 poles       769-1115/000-006       769-1115/000-006         19 poles       769-1115/000-006       769-1115/000-006         10 poles       76									
12 poles       769-112/000-006       50         13 poles       769-113/000-006       50         15 poles       769-115/000-006       50         16 poles       769-115/000-006       50         17 poles       769-115/000-006       50         18 poles       769-115/000-006       50         19 poles       769-115/000-006       50         10 poles       769-115/000-006       50         10 poles       769-115/000-006       769-115/000-006         10 poles       769-115/000-006       769-115/000-006         10 poles       769-115/000-006       76	10 poles								
13 poles       769-113/000-006       50         14 poles       769-114/000-006       50         15 poles       769-115/000-006       50         16 poles       769-115/000-006       50         17 poles       769-115/000-006       50         18 poles       769-115/000-006       50         19 poles       769-115/000-006       100         19 poles       100       100         19 poles       110       100         19 poles       110       110         19 poles       110       110         19 poles       110       110	11 poles								
14 poles       769-114/000-006       50         15 poles       769-115/000-006       50         16 poles       769-115/000-006       50         17 poles       1       1         18 poles       1       1         19 poles       1       1									
5 poles 769-115/000-006 50									
500 V = rated voltage       6 KV = rated surge voltage       3 = pollution degree       Winitature adjacent jumper, insulated, k, 24 A, grey, suitable for 1-conductor female plugs									
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs	io poles								
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
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6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
6 kV = rated surge voltage 3 = pollution degree Winiature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs	<b>0</b> 500 V =	rated voltage							
Miniature adjacent jumper, insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs	6 kV =	rated surge voltage							
insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs	3 =	pollution degree							
insulated, I <sub>N</sub> 24 A, grey, suitable for 1-conductor female plugs									
suitable for 1-conductor female plugs	Miniature a								
plugs	-								
	100		aucior temale						
<b>769-402</b> 100 (4 × 25)									

0.08 - 4 mm<sup>2</sup> 500 V/6 kV/3 **0** I<sub>N</sub> 32 A\*\*

AWG 28 - 12

0.08 - 4 mm<sup>2</sup> 500 V/6 kV/3 **0** I<sub>N</sub> 32 A\*\*

AWG 28 - 12

\* Further approvals with corresponding ratings can be found at www.wago.com \*\* Current-carrying capacity curves and accessories see Full Line Catalog W4 Volume 1, Section 9

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0.08 - 4 mm<sup>2</sup> 500 V/6 kV/3 **0** I<sub>N</sub> 32 A\*\* AWG 28 - 12 300/600 V, 10/5 A **%** 300 V, 10 A ®

9



500 V/6 kV/3 🛈 🛛 30	WG 28 - 12 00/600 V, 10/5 A <b>FN</b> 00 V, 10 A ®		AWG 28 – 12 300/600 V, 10/5 A <b>%</b> 300 V, 10 A ®	0.08 <b>− 4 mm<sup>2</sup></b> 500 V/6 kV/3 <b>0</b> I <sub>N</sub> 32 A**	AWG 28 – 12 300/600 V, 10/5 A <b>FN</b> 300 V, 10 A ®	E ]
Module width 5 mm / 0	0.197 in	Module width 5 mn	n / <b>0.197 in</b>	Terminal block widt	h 5 mm / 0.197 in	$\leq$
8 − 9 mm / 0.33 in		8 – 9 mm / 0.33 in		8 – 9 mm / 0.33 in		2
* 71 @	:	* <b>%)</b> @		* <b>91</b> @		2







No. of poles	ltem No.	Pack. unit pcs	No. of poles	ltem No.	Pack. unit pcs	No. of poles	ltem No.	Pack. unit pcs
	/1-pin receptacle termin	nal block,		or/1-pin receptacle termi	nal block,		or/2-pin receptacle term	inal block,
blue suitable for D	IN 35 rail acc. to EN 607	15	blue suitable for	DIN 35 rail acc. to EN 607	15	blue suitable for	DIN 35 rail acc. to EN 607	715
	7/0 17/ (000 00/	100		7/0.051/000.00/	50		7/0 171 (000 00/	50
	769-176/000-006	100		769-251/000-006	50		769-171/000-006	50
<b>1</b> 500 V = 1	rated voltage							
6 kV = 1	rated surge voltage							
3 =	pollution degree							
Adjacent jur			I			I		
10 15	unsulated, I <sub>N</sub> 24 A 280-402	A, grey 200 (8 x 25)						
Alternate ju		A grov						
	unsulated, I <sub>N</sub> 24 <b>280-409</b>	A, grey 100 (4 x 25)						



## **9** X-COM<sup>®</sup>-SYSTEM Female Plugs for Self-Assembly

VOLUME 1	$\begin{array}{c c} 0.08 - 4 \ mm^2 \\ 500 \ V/6 \ kV/3 \ \bullet \\ I_N \ 32 \ A^{**} \end{array} & AWG \ 28 - 12 \\ Module \ width \ 5 \ mm \ / \ 0.197 \ in \\ \hline & 8 - 9 \ mm \ / \ 0.33 \ in \end{array}$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $





	Color	ltem No.	Packunit pcs	Color	ltem No.	Packunit pcs
	1-conductor ba			2-conductor bo		
COLUMN TO A STATE	with integrated		050	with integrated		050
	grey	769-501	250	grey	769-504	250
	blue	769-501/000-006	250	blue	769-504/000-006	250
	green-yellow	769-501/000-016	250	green-yellow	769-504/000-016	250
	1-conductor ce grey	nter module 769-502	250	2-conductor ce grey	nter module 769-505	250
	blue	769-502/000-006	250	blue	769-505/000-006	250
CALL PROPERTY AND	green-yellow	769-502/000-016	250	green-yellow	769-505/000-016	250
	1-conductor en	d module		2-conductor en	d module	
	grey	769-503	250	grey	769-506	250
	blue	769-503/000-006	250	blue	769-506/000-006	250
	green-yellow	769-503/000-016	250	green-yellow	769-506/000-016	250
	Mounting tool			Mounting tool		
	<b>J</b>	298-646	1		298-641	1
		d voltage d surge voltage ution degree				
<u> </u>	5 — poli	unon degree				

\*\* Current-carrying capacity curves and accessories see Full Line Catalog W4 Volume 1, Section 9

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0.08 – 4 mm<sup>2</sup> 500 V/6 kV/3 **0** I<sub>N</sub> 32 A\*\* AWG 28 - 12 Module width 5 mm / 0.197 in

8 – 9 mm / 0.33 in



Color	ltem	Packunit
	No.	pcs
	1 459	
	ase module, 45° angle	d,
with integrate	a ena plate 769-512	250
grey	769-512/000-006	
blue	769-512/000-006	250
green-yellow	/09-312/000-010	250
1-conductor -	nd module, 45° angled	
	769-513	250
grey blue	769-513/000-006	250
	769-513/000-006	250
green-yellow	/07-313/000-016	250
1-conductor e	nd module 45° analed	1
	nd module, 45° angled	
grey	769-515	250
grey blue	769-515 769-515/000-006	250 250
grey	769-515	250
grey blue	769-515 769-515/000-006	250 250
grey blue green-yellow	769-515 769-515/000-006 769-515/000-016	250 250
grey blue	769-515 769-515/000-006 769-515/000-016	250 250 250
grey blue green-yellow	769-515 769-515/000-006 769-515/000-016	250 250
grey blue green-yellow	769-515 769-515/000-006 769-515/000-016	250 250 250

#### Self-assembly of individual female plugs

Using modular female plugs from the X-COM-SYSTEM, female plugs can be customized for applications requiring varying numbers of poles (e.g. when designing prototypes).

#### Modules and pole numbers

A self assembled female plug consists of a base module with integrated end plate, up to 13 center modules (corresponding to a 15pole female plug = maximum number of poles) as well as an end module.

#### Female plugs with ground (earth) modules (green-yellow)

According to the "norm", connectors should be inserted and disengaged off load. This is why pre-mating the ground (earth) contact is required when connectors need to be connected or disengaged "under load".

This is guaranteed using a ground (earth) module in the middle of female plugs equipped with up to 7 poles or two ground (earth) modules at both ends of 8 - 15 pole female plugs to ensure a preceding ground (earth) connection.

#### Mounting

In order to guarantee that the individual modules are properly snapped into each other without damaging the locking latches, it is necessary to use the appropriate mounting tool.

# Base module with integrated end plate 769-501/000-016 Center module 769-502/000-006 Center modules 769-502 End module 769-503 41

#### Example of a 5-pole 1-conductor female plug



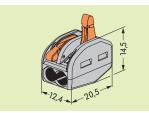
## 10 Compact Connector for Flexible Conductors Series 222

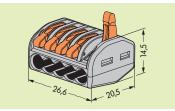
LUME 1		600 V, 20 A ആ	$5 \times 0.08 - 2.5 \text{ mm}^2 \text{"s+f-st"}$ $4 \text{ mm}^2 \text{"f-st"}$ 400  V/4 kV/2** $I_N 32 \text{ A}$ 5 = 10  mm / 0.37	600 V, 20 A ඖ	
N	» رائل *		* .®.:: ENEC		





ltem Packunit No. pcs	ltem Packun No. pcs
Compact connector,	Compact connector,
2-wire connector, with levers	5-wire connector, with levers
max. continuous service temperature 85°C	max. continuous service temperature 85°C
grey <b>222-412</b>	grey <b>222-415</b> 400 (10)





#### **Compact connector**

It clamps up to 5 stripped flexible wires of 0.08 mm<sup>2</sup>/AWG 28 to 4 mm<sup>2</sup>/AWG 12 or solid or stranded wires up to 2.5 mm<sup>2</sup>/AWG 14, without tools.

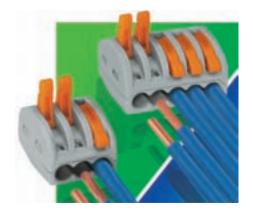
#### This is how it works:

Open the clamping point using one of the small orange colored levers so that the lever engages and keeps the clamping point in its open position. The wire can now be inserted, then the lever can be returned to its rest position, flush with the ter-minal block housing.

#### The safety:

The satety: The special rest position of the lever reliably pre-vents accidental unclamping of a connected wire. The additional application safety for any type of conductor (solid, stranded, flexible) is confirmed by approbations like ENEC or UL. The ENEC mark is a European safety mark including 20 countries.





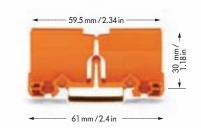
\* You can find approvals on the Internet at www.wago.com. \*\* in grounded (earthed) supply systems

## Mounting Carrier and Push-Wire Connectors for Junction Boxes Series 773

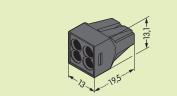
$\begin{array}{c} 4 \times 0.75 - \textbf{2.5 mm}^2 \ ''s'' \\ 4 \times \ 1.5 - \textbf{2.5 mm}^2 \ ''str.'' \\ 400 \ V/4 \ kV/2^{**} \\ I_N \ 24 \ A \end{array}$		AWG 14 – 10 "sol." 600 V, 30 A ®	Mounting carrier for push-wire connectors for junction boxes Series 773
∞ 12 mm / 0.42 *⊛	 € 12 – 13 mm / *®	/ 0.53 in	Adapter width 18 mm / 0.71 in







ltem No.	Packunit pcs		ltem No.	Packunit pcs		ltem No.	Packunit pcs
Push-wire connector for juncti	on boxes,	Push-wire connect	ors for junctio	n boxes,	Mounting carr	rier	
3-wire connector, black,		3-wire connector, col	lor of housing t	transparent,	orange	773-332	50 (5 x 10)
max. continuous service temperat	ture 150°C	color of cover red			Marker strips,		
773-514	1000 (10 x 100)		773-173	500 (10 x 50)	plain	210-334	1 card

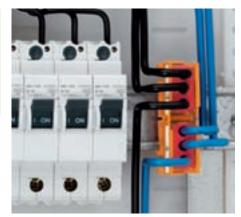




#### For time and cost saving push-in wiring up to 6 mm<sup>2</sup> in distribution and junction boxes as well as other equipment.

As an addition to the 273 Series push wire connectors for AWG 16 to AWG 12 (1.5 – 4 mm<sup>2</sup>), the new 3-conductor push wire connector expands the range of wire sizes up to AWG 10 (6 mm<sup>2</sup>) and is suitable for both solid and finestranded wires.





A mounting carrier (see accessories) is suitable for applications where the connectors must be marked and fixed in position. The carrier fits up to two connectors on DIN 35 carrier rails or screw mounting on level surfaces.

Using this push wire connector, a large range of wiring applications can be realized in distribution or junction boxes, for example. To mention just a few: potential multiplication of an AWG 10 (6 mm<sup>2</sup>) conductor in a junction box, changing from or to AWG 10 (6 mm<sup>2</sup>) wire size.



10

VOLUME

# 12 Shield (Screen) Clamps, Carrier with Grounding Foot Series 790, 791

	Shield (Screen) Clamps	Carrier with grounding foot	Carrier with grounding foot
E 1			
VOLUN	Note: Cannot be used for the connection of ground (earth) conductors!		

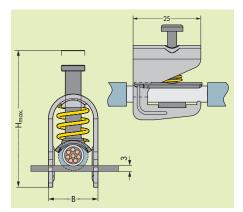






			Packunit pcs		ltem No.	Packunit pcs	ltem No.	Packunit pcs	
Shield (	screen) clo	imps		Carrier w. grounding foot,			Carrier w. grounding foot,		
		-		for DIN 35 rail, bar	parallel to the ro	il,	for DIN 35 rail, bar parallel to the re	ail,	
		Diameter of		10 mm (0.394 in) x 3	mm (0.118 in), b	ar a. foot –	10 mm (0.394 in) x 3 mm (0.118 in), bar a. foot –		
$H_{\max}$	В	connectable conduc	tor	Cu with tin plating			Cu with tin plating		
40 mm	10 mm	1.5 mm to 6.5 mm	791-107	15 mm long/0.59 in	790-110	25	45 mm long/1.772 in <b>790-114</b>	25	
47	17	5							
47 mm	17 mm	5 mm to 11 mm	791-111	<b>a</b>					
()	23 mm	10 mm to 17 mm	791-117	Carrier w. groundir		1			
63 mm	23 mm	10 mm to 17 mm	/91-11/	for DIN 35 rail, bar   10 mm (0.394 in) x 3					
78 mm	30 mm	16 mm to 24 mm	791-124	Cu with tin plating	mm (0.116 in), b	ar a. toot –			
70 11111	30 mm	10 mm 10 24 mm	771-124	Co with the pidling					
				25 mm long/0.98 in	790-112	25			
				25 min long/ 0.70 m	770-112	25			

#### Dimensions (in mm), Application notes



ltem No.	Length	suitable shield (screen) clamping saddle			
ilein rao.	Longin	790-	791-		
790-110	15 mm/0.59 in	max. 790-108	-		
790-112	25 mm/0.98 in	max. 790-116	791-111, 791-117		
790-114	45 mm / 1.772 in	790-108 to 790-140	791-111 to 791-124		
		see Full Line Catalog W4 Volume 1, Section 12			

## **Busbar Carriers**

## Shield termination

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G
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Busbar Carrier	Busbar Carrier	Shield termination	
			El
			NN
			<b>\0</b>



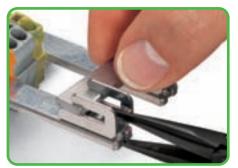




	ltem No.	Packunit pcs		ltem No.	Packunit pcs		ltem No.	Packunit pcs
Busbar Carrier			Busbar Carrier			Shield termination		
for busbars Cu 10 mm	n x 3 mm		for busbars Cu 10 m	m x 3 mm		including cable tie		
						for shield diameter		
	790-300			790-301		5 mm / 0.197 in to 10 n	nm/0.394 in	
						55 mm / 2.17 in long	709-350	100 (4 × 25)
						150 mm / 5.9 in long	709-352	100 (4 × 25)

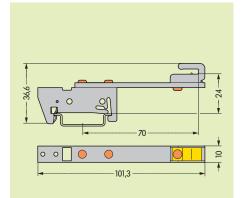


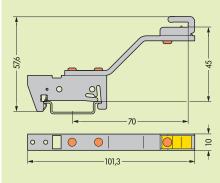
Remove the busbar carrier using a screwdriver (blade width 5.5 mm/0.217 in)

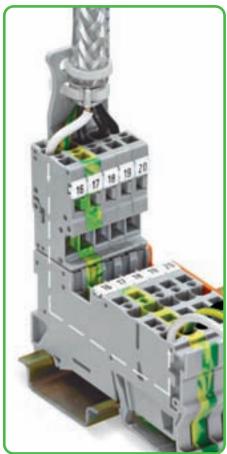


To remove the busbar, compress the spring using pliers

#### Dimensions (in mm)







## **14** WAGO Wire and Cable Marking . . .

#### Wire marking



The following marker cards are available: Marker cards for plotter marking ...



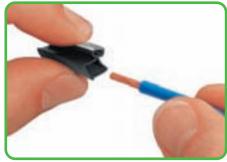
... or marker cards on roll for thermal transfer printing



Remove the thermal transfer printed marker card from the roll ...



Slide the plotted marker card into the marking sleeve receptacle. Changing the marking is also possible after the wire has been connected

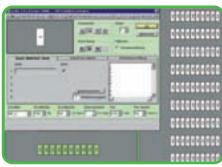


Compress the sleeve and slide it onto the wire to be marked





Plotter IP 350



WAGO smart Marking software (see also Full Line Catalog W4 Volume 1, Section 14)



Thermal transfer printer TP 298

## ... Description and Handling



... and slide it through the marker receptacle up to the end of the sleeve ...



... then remove the rest of the card by twisting it off



Fix the marking sleeve 211-129 using cable ties to individual wire or cable



#### **Cable marking**



Self-laminating labels are available on A4 sheets for the laser printer (plotter) ...



... or are supplied on roll for the thermal transfer printer



Remove the printed label from the sheet or roll ... ... and wrap it around the wire or cable





The transparent laminate protects the marking





Wire marking sleeve, halogen-free for marker card, for wires ranging from AWG 24 to 4 (0.25mm<sup>2</sup> to 16 mm<sup>2</sup>) (to be fitted before wire connection) Wire marking sleeve, halogen-free for marker card, for wires ranging from AWG 24 to 4 (0.25mm<sup>2</sup> to 16 mm<sup>2</sup>) (to be fitted before wire connection)





Marking sleeve 12 mm long /0.472 in         Marking sleeve 23 mm long /0.9 in           for wire Ø 1.6 - 3.2 mm or AWG 24 - 16 (0.25 mm² - 1.5 mm²) 211-112         for wire Ø 1.6 - 3.2 mm or AWG 24 - 16 (0.25 mm² - 1.5 mm²) 211-112         2000           for wire Ø 2.2 - 4.5 mm or AWG 20 - 12 (0.5 mm² - 4 mm²) 211-113         for wire Ø 2.2 - 4.5 mm or AWG 20 - 12 (0.5 mm² - 4 mm²) 211-113         for wire Ø 3.7 - 5.9 mm or AWG 14 - 10 (2.5 mm² - 6 mm²) 211-114         for wire Ø 3.7 - 5.9 mm or AWG 10 - 4 (6 mm² - 16 mm²) 211-115         for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²) 211-115         for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²)         for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²)           Article specific accessories         Article specific accessories         Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-110         18 x 57           Marker card, for plotter, 12 mm long /0.472 in, white 211-110         18 x 57         Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-120         30 x 34           Plotter receptacle, for marker card         Plotter receptacle, for marker card         1           Accessories         (see also Full Line Catalag W4 Volume 1, Section 14)         1           Thermal transfer printer, TP 298 Resolution 300 dpi 258-298         1         258-350         1           Thermal transfer printer, TP 297 Resolution 303 dpi 258-297         WAGO plotter pen, line width 0.35 mm         1	Item Packunit No. pcs
for wire Ø 1.6 - 3.2 mm or AWG 24 - 16 (0.25 mm <sup>2</sup> - 1.5 mm <sup>2</sup> ) 211-112 2000 for wire Ø 2.2 - 4.5 mm or AWG 20 - 12 (0.5 mm <sup>2</sup> - 4 mm <sup>2</sup> ) 211-113 2000 for wire Ø 3.7 - 5.9 mm or AWG 20 - 12 (0.5 mm <sup>2</sup> - 4 mm <sup>2</sup> ) 211-113 2000 for wire Ø 3.7 - 5.9 mm or AWG 14 - 10 (2.5 mm <sup>2</sup> - 6 mm <sup>2</sup> ) 211-114 1000 for wire Ø 3.7 - 5.9 mm or AWG 14 - 10 (2.5 mm <sup>2</sup> - 6 mm <sup>2</sup> ) 211-115 1000 for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm <sup>2</sup> - 16 mm <sup>2</sup> ) 211-115 1000 Article specific accessories Marker card, for thermal transfer printer, 12 mm long / 0.472 in, white 211-111 1 x 3000 Marker card, for plotter, 12 mm long / 0.472 in, white 211-110 18 x 57 Plotter receptacle, for marker card 258-370 1 Accessories (see also Full Line Catalog W4 Volume 1, Section 14) Thermal transfer printer, TP 298 Resolution 203 dpi 258-398 1 Thermal transfer printer, TP 297 Resolution 203 dpi Resolution 203 dpi	Narking sleeve
for wire Ø 1.6 - 3.2 mm or AWG 24 - 16 (0.25 mm² - 1.5 mm²) 211-112       for wire Ø 1.6 - 3.2 mm or AWG 24 - 16 (0.25 mm² - 1.5 mm²) 211-112       000         for wire Ø 2.2 - 4.5 mm or AWG 20 - 12 (0.5 mm² - 4 mm²) 211-113       covor 211-123       2000         for wire Ø 3.7 - 5.9 mm or AWG 14 - 10 (2.5 mm² - 6 mm²) 211-114       for wire Ø 3.7 - 5.9 mm or AWG 14 - 10 (2.5 mm² - 6 mm²) 211-115       for wire Ø 3.7 - 5.9 mm or AWG 14 - 10 (2.5 mm² - 6 mm²) 211-124       1000         for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²) 211-115       for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²) 211-125       for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²)       1000         Article specific accessories       Article specific accessories       Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-111       1 x 3000         Marker card, for plotter, 12 mm long /0.472 in, white 211-110       1 x 577       Marker card, for plotter, 211-120       30 x 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       1 258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)       Plotter IP 350       1         Thermal transfer printer, TP 298 Resolution 300 dpi 258-298       1       WAGO plotter pen, line width 0.35 mm	
or AWG 24 - 16 (0.25 mm² - 1.5 mm²)       or AWG 24 - 16 (0.25 mm² - 1.5 mm²)       211-122       2000         for wire Ø 2.2 - 4.5 mm       or AWG 20 - 12 (0.5 mm² - 4 mm²)       211-123       2000         for wire Ø 2.2 - 4.5 mm       or AWG 20 - 12 (0.5 mm² - 4 mm²)       211-123       2000         for wire Ø 3.7 - 5.9 mm       or AWG 14 - 10 (2.5 mm² - 6 mm²)       211-124       1000         for wire Ø 4.8 - 7.5 mm       or AWG 10 - 4 (6 mm² - 16 mm²)       0       211-125       1000         for wire Ø 4.8 - 7.5 mm       or AWG 10 - 4 (6 mm² - 16 mm²)       0       211-125       1000         Article specific accessories       Article specific accessories       Marker card, for thermal transfer printer,       12 mm long/0.472 in, white       211-121       1 x 3000         Marker card, for plotter,       12 mm long/0.472 in, white       211-120       30 x 34         Plotter receptacle, for marker card       211-110       18 x 57       Marker card, for plotter,       23 mm long /0.9 in, white         211-10       18 x 57       Plotter receptacle, for marker card       258-370       1         Acceessories       (see also Full Line Catalog W4 Volume 1, Section 14)       1         Thermal transfer printer, TP 298       Resolution 300 dpi       258-350       1         Resolution 203 dpi       1       <	U
211-112       2000       211-122       2000         for wire Ø 2.2 - 4.5 mm       for wire Ø 2.2 - 4.5 mm       or AWG 20 - 12 (0.5 mm² - 4 mm²)       211-113       2000         for wire Ø 3.7 - 5.9 mm       or AWG 14 - 10 (2.5 mm² - 6 mm²)       or AWG 14 - 10 (2.5 mm² - 6 mm²)       211-124       1000         for wire Ø 4.8 - 7.5 mm       or AWG 10 - 4 (6 mm² - 16 mm²)       or AWG 10 - 4 (6 mm² - 16 mm²)       211-125       1000         for wire Ø 4.8 - 7.5 mm       or AWG 10 - 4 (6 mm² - 16 mm²)       or AWG 10 - 4 (6 mm² - 16 mm²)       211-125       1000         Article specific accessories       Article specific accessories       Marker card, for thermal transfer printer,       23 mm long /0.9 in, white         12 mm long /0.472 in, white       211-121       1 x 3000       30 x 34         Marker card, for plotter,       23 mm long /0.9 in, white       211-120       30 x 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       1       258-370       1         Z58-370       1       258-370       1       258-370       1         Resolution 300 dpi       258-350       1       258-350       1         Resolution 200 dpi       258-350       1       1       258-350       1         Thermal transfer printer, TP 297       WAGO p	or wire Ø 1.6 – 3.2 mm
211-112       2000       211-122       2000         for wire Ø 2.2 - 4.5 mm       for wire Ø 2.2 - 4.5 mm       or AWG 20 - 12 (0.5 mm² - 4 mm²)       211-113       2000         for wire Ø 3.7 - 5.9 mm       or AWG 14 - 10 (2.5 mm² - 6 mm²)       or AWG 14 - 10 (2.5 mm² - 6 mm²)       211-124       1000         for wire Ø 4.8 - 7.5 mm       or AWG 10 - 4 (6 mm² - 16 mm²)       or AWG 10 - 4 (6 mm² - 16 mm²)       211-125       1000         for wire Ø 4.8 - 7.5 mm       or AWG 10 - 4 (6 mm² - 16 mm²)       or AWG 10 - 4 (6 mm² - 16 mm²)       211-125       1000         Article specific accessories       Article specific accessories       Marker card, for thermal transfer printer,       23 mm long /0.9 in, white         12 mm long /0.472 in, white       211-121       1 x 3000       30 x 34         Marker card, for plotter,       23 mm long /0.9 in, white       211-120       30 x 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       1       258-370       1         Z58-370       1       258-370       1       258-370       1         Resolution 300 dpi       258-350       1       258-350       1         Resolution 200 dpi       258-350       1       1       258-350       1         Thermal transfer printer, TP 297       WAGO p	or AWG 24 – 16 (0.25 mm <sup>2</sup> – 1.5 mm <sup>2</sup> )
for wire Ø 2.2 - 4.5 mm       for wire Ø 2.2 - 4.5 mm       or AWG 20 - 12 (0.5 mm² - 4 mm²)         or AWG 20 - 12 (0.5 mm² - 4 mm²)       or AWG 20 - 12 (0.5 mm² - 4 mm²)       211-123       2000         for wire Ø 3.7 - 5.9 mm       or AWG 14 - 10 (2.5 mm² - 6 mm²)       or AWG 14 - 10 (2.5 mm² - 6 mm²)       211-124       1000         for wire Ø 4.8 - 7.5 mm       or AWG 10 - 4 (6 mm² - 16 mm²)       or AWG 10 - 4 (6 mm² - 16 mm²)       0       211-125       1000         for wire Ø 4.8 - 7.5 mm       or AWG 10 - 4 (6 mm² - 16 mm²)       or AWG 10 - 4 (6 mm² - 16 mm²)       0       211-125       1000         Article specific accessories       Article specific accessories       Marker card, for thermal transfer printer,       12 mm long /0.472 in, white       211-121       1 x 3000         Marker card, for plotter,       12 mm long /0.472 in, white       211-120       30 x 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       211-120       30 x 34         Plotter receptacle, for marker card       258-370       1       258-370       1         Article specific accelso Full Line Catalog W4 Volume 1, Section 14)       1       58-350       1         Thermal transfer printer, TP 298       1       1       1       1       1         Resolution 300 dpi       258-350       1	
or AWG 20 - 12 (0.5 mm <sup>2</sup> - 4 mm <sup>2</sup> ) 211-113 2000 for wire Ø 3.7 - 5.9 mm or AWG 14 - 10 (2.5 mm <sup>2</sup> - 6 mm <sup>2</sup> ) 211-114 1000 for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm <sup>2</sup> - 16 mm <sup>2</sup> ) 211-115 1000 Article specific accessories Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-111 1 x 3000 Marker card, for plotter, 12 mm long /0.472 in, white 211-110 18 x 57 Plotter receptacle, for marker card 258-370 1 Accessories (see also Full Line Catalog W4 Volume 1, Section 14) Thermal transfer printer, TP 298 Resolution 300 dpi 258-298 1 Thermal transfer printer, TP 297 Resolution 203 dpi WAGO plotter pen, line width 0.35 mm Plotter recepta 0.30 dpi	
211-113       2000       211-123       2000         for wire Ø 3.7 - 5.9 mm       for wire Ø 3.7 - 5.9 mm       or AWG 14 - 10 (2.5 mm² - 6 mm²)       or AWG 14 - 10 (2.5 mm² - 6 mm²)         211-114       1000       211-124       1000         for wire Ø 4.8 - 7.5 mm       or AWG 10 - 4 (6 mm² - 16 mm²)       or AWG 10 - 4 (6 mm² - 16 mm²)         211-115       1000       211-125       1000         Article specific accessories       Article specific accessories       Marker card, for thermal transfer printer,         12 mm long /0.472 in, white       23 mm long /0.9 in, white       23 mm long /0.9 in, white         211-110       18 x 57       23 mm long /0.9 in, white         211-120       30 x 34       34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       1         258-370       1       258-370       1         Accessories       (see also Full Line Catalog W4 Volu	or wire Ø 2.2 – 4.5 mm
211-113       2000       211-123       2000         for wire Ø 3.7 - 5.9 mm       for wire Ø 3.7 - 5.9 mm       or AWG 14 - 10 (2.5 mm² - 6 mm²)       or AWG 14 - 10 (2.5 mm² - 6 mm²)         211-114       1000       211-124       1000         for wire Ø 4.8 - 7.5 mm       or AWG 10 - 4 (6 mm² - 16 mm²)       or AWG 10 - 4 (6 mm² - 16 mm²)         211-115       1000       211-125       1000         Article specific accessories       Article specific accessories       Marker card, for thermal transfer printer,         12 mm long /0.472 in, white       23 mm long /0.9 in, white       23 mm long /0.9 in, white         211-110       18 x 57       23 mm long /0.9 in, white         211-120       30 x 34       34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       1         258-370       1       258-370       1         Accessories       (see also Full Line Catalog W4 Volu	or AWG 20 – 12 (0.5 mm <sup>2</sup> – 4 mm <sup>2</sup> )
for wire Ø 3.7 - 5.9 mm       for wire Ø 3.7 - 5.9 mm       or AWG 14 - 10 (2.5 mm² - 6 mm²)         211-114       1000       211-124       1000         for wire Ø 4.8 - 7.5 mm       or AWG 14 - 10 (2.5 mm² - 6 mm²)       211-124       1000         for wire Ø 4.8 - 7.5 mm       or AWG 10 - 4 (6 mm² - 16 mm²)       or AWG 10 - 4 (6 mm² - 16 mm²)       0       211-125       1000         Article specific accessories       Article specific accessories       Article specific accessories       Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-111       1 x 3000       211-121       1 x 3000         Marker card, for plotter, 12 mm long /0.472 in, white 211-110       1 x 3000       Xarker card, for plotter, 23 mm long /0.9 in, white 211-120       30 x 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)       258-350       1         Thermal transfer printer, TP 298 Resolution 300 dpi 258-298       Plotter IP 350       1         Resolution 203 dpi       1       1       1       1	
or AWG 14 - 10 (2.5 mm <sup>2</sup> - 6 mm <sup>2</sup> ) 211-114 1000 for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm <sup>2</sup> - 16 mm <sup>2</sup> ) 211-115 1000 Article specific accessories Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-111 1 x 3000 Marker card, for plotter, 12 mm long /0.472 in, white 211-110 18 x 57 Plotter receptacle, for marker card 258-370 1 Accessories (see also Full Line Catalog W4 Volume 1, Section 14) Thermal transfer printer, TP 298 Resolution 300 dpi 258-350 1 Thermal transfer printer, TP 297 Resolution 203 dpi WAGO plotter pen, line width 0.35 mm Resolution 203 dpi	
211-114       1000       211-124       1000         for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²)       for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²)       1000         211-115       1000       211-125       1000         Article specific accessories       Article specific accessories       111-125       1000         Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-111       Narker card, for plotter, 12 mm long /0.472 in, white 211-110       211-121       1 × 3000         Marker card, for plotter,       23 mm long /0.9 in, white 211-120       30 × 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       258-370       1         Accessories (see also Full Line Catales W4 Volw=       1, Section 14)       1       1         Thermal transfer printer, TP 298 Resolution 300 dpi 258-298       Plotter IP 350       1         Thermal transfer printer, TP 297 Resolution 203 dpi       1       258-350       1	or wire Ø 3.7 – 5.9 mm
211-114       1000       211-124       1000         for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²)       for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²)       1000         211-115       1000       211-125       1000         Article specific accessories       Article specific accessories       111-125       1000         Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-111       Narker card, for plotter, 12 mm long /0.472 in, white 211-110       211-121       1 × 3000         Marker card, for plotter,       23 mm long /0.9 in, white 211-120       30 × 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       258-370       1         Accessories (see also Full Line Catales W4 Volw=       1, Section 14)       1       1         Thermal transfer printer, TP 298 Resolution 300 dpi 258-298       Plotter IP 350       1         Thermal transfer printer, TP 297 Resolution 203 dpi       1       258-350       1	or AWG 14 – 10 (2.5 mm <sup>2</sup> – 6 mm <sup>2</sup> )
for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²)       for wire Ø 4.8 - 7.5 mm or AWG 10 - 4 (6 mm² - 16 mm²)         211-115       1000       211-125       1000         Article specific accessories       Article specific accessories       Article specific accessories         Marker card, for thermal transfer printer, 12 mm long / 0.472 in, white 211-111       Narker card, for thermal transfer printer, 12 mm long / 0.472 in, white 211-121       X 3000         Marker card, for plotter, 12 mm long / 0.472 in, white 211-110       Narker card, for plotter, 12 mm long / 0.472 in, white 211-120       30 x       34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)       1       258-350       1         Thermal transfer printer, TP 298 Resolution 300 dpi 258-298       Plotter IP 350       1       1         Thermal transfer printer, TP 297 Resolution 203 dpi       1       1       1       1	
or AWG 10 - 4 (6 mm² - 16 mm²)       or AWG 10 - 4 (6 mm² - 16 mm²)         211-115       1000         Article specific accessories       Article specific accessories         Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-111       Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-110       Marker card, for plotter, 12 mm long /0.472 in, white 211-110         Marker card, for plotter, 12 mm long /0.472 in, white 211-110       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       30 x 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)       1       258-350       1         Thermal transfer printer, TP 298 Resolution 300 dpi       Plotter IP 350       1       1         Resolution 300 dpi       1       1       1       1         Plotter pen, line width 0.35 mm       MacGO plotter pen, line width 0.35 mm       1	
or AWG 10 - 4 (6 mm² - 16 mm²)       or AWG 10 - 4 (6 mm² - 16 mm²)         211-115       1000         Article specific accessories       Article specific accessories         Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-111       Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-110       Marker card, for plotter, 12 mm long /0.472 in, white 211-110         Marker card, for plotter, 12 mm long /0.472 in, white 211-110       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       30 x 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)       1       258-350       1         Thermal transfer printer, TP 298 Resolution 300 dpi       Plotter IP 350       1       1         Resolution 300 dpi       1       1       1       1         Plotter pen, line width 0.35 mm       MacGO plotter pen, line width 0.35 mm       1	or wire Ø 4.8 – 7.5 mm
211-115         1000         211-125         1000           Article specific accessories         Article specific accessories         Marker card, for thermal transfer printer,         12 mm long /0.472 in, white         23 mm long /0.9 in, white         211-111         1 x 3000           Marker card, for plotter,         12 mm long /0.472 in, white         23 mm long /0.9 in, white         211-121         1 x 3000           Marker card, for plotter,         12 mm long /0.472 in, white         23 mm long /0.9 in, white         23 mm long /0.9 in, white           211-110         18 x 57         Marker card, for plotter,         23 mm long /0.9 in, white         23 mm long /0.9 in, white           211-110         18 x 57         Plotter receptacle, for marker card         Plotter receptacle, for marker card         258-370         1           Accessories         (see also Full Line Catalog W4 Volume 1, Section 14)         Plotter IP 350         1           Marker card, 1258-298         1         Plotter IP 350         1           Resolution 300 dpi         1         258-350         1           Thermal transfer printer, TP 297         WAGO plotter pen, line width 0.35 mm         1	
Article specific accessories       Article specific accessories         Marker card, for thermal transfer printer,       12 mm long /0.472 in, white 211-111       1 x 3000         Marker card, for plotter,       12 mm long /0.472 in, white 211-110       1 x 3000         Marker card, for plotter,       12 mm long /0.472 in, white 211-110       1 x 3000         Marker card, for plotter,       23 mm long /0.9 in, white 211-120       30 x 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       Plotter receptacle, for marker card         258-370       1       258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)       1         Thermal transfer printer, TP 298       Plotter IP 350       1         Resolution 300 dpi       1       1       1         258-298       1       1       1         Thermal transfer printer, TP 297       WAGO plotter pen, line width 0.35 mm         Resolution 203 dpi       1       1	
Marker card, for thermal transfer printer, 12 mm long /0.472 in, white 211-111       Marker card, for thermal transfer printer, 23 mm long /0.9 in, white 211-121       1 x 3000         Marker card, for plotter, 12 mm long /0.472 in, white 211-110       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       Marker card, for plotter, 211-120       Marker card, for plotter, 23 mm long /0.9 in, white 211-120       Marker card, for plotter, 21 mm long /0.9 in, white       Marker card       Plotter receptacle, for marker card       Plotter receptacle, for marker card       Image: plotter card       Image: pl	
12 mm long / 0.472 in, white       23 mm long / 0.9 in, white         211-111       1 x 3000         Marker card, for plotter,       1 x 3000         12 mm long / 0.472 in, white       23 mm long / 0.9 in, white         211-120       30 x 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card         258-370       1         258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)         Thermal transfer printer, TP 298       Plotter IP 350         Resolution 300 dpi       258-350       1         258-298       1       WAGO plotter pen, line width 0.35 mm         Resolution 203 dpi       1       1	•
211-111       1 x 3000       211-121       1 x 3000         Marker card, for plotter, 12 mm long/0.472 in, white 211-110       Marker card, for plotter, 23 mm long/0.9 in, white 211-120       30 x 34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       Plotter receptacle, for marker card         258-370       1       258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)       1         Thermal transfer printer, TP 298       Plotter IP 350       1         Resolution 300 dpi       258-350       1         258-298       1       WAGO plotter pen, line width 0.35 mm	
Marker card, for plotter,       12 mm long/0.472 in, white       23 mm long/0.9 in, white       23 mm long/0.9 in, white         211-110       18 x       57       211-120       30 x       34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       258-370       1       258-370       1         Z58-370       1       258-370       1       258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)       1       1       1         Thermal transfer printer, TP 298       Plotter IP 350       1       1       1         Resolution 300 dpi       1       258-350       1       1         Thermal transfer printer, TP 297       WAGO plotter pen, line width 0.35 mm       1         Resolution 203 dpi       1       1       1       1	
12 mm long /0.472 in, white       23 mm long /0.9 in, white         211-110       18 x       57         Plotter receptacle, for marker card       Plotter receptacle, for marker card         258-370       1         258-370       1         Z58-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)         Thermal transfer printer, TP 298       Plotter IP 350         Resolution 300 dpi       258-350         258-298       1         Thermal transfer printer, TP 297       WAGO plotter pen, line width 0.35 mm         Resolution 203 dpi       1	<b>211-111</b> 1 × 3000
12 mm long /0.472 in, white       23 mm long /0.9 in, white         211-110       18 x       57         Plotter receptacle, for marker card       Plotter receptacle, for marker card         258-370       1         258-370       1         Z58-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)         Thermal transfer printer, TP 298       Plotter IP 350         Resolution 300 dpi       258-350         258-298       1         Thermal transfer printer, TP 297       WAGO plotter pen, line width 0.35 mm         Resolution 203 dpi       1	Marker card, for plotter
211-110       18 x       57       211-120       30 x       34         Plotter receptacle, for marker card       Plotter receptacle, for marker card       258-370       1         258-370       1       258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)       1         Thermal transfer printer, TP 298       Plotter IP 350       1         Resolution 300 dpi       258-298       1       1         Thermal transfer printer, TP 297       WAGO plotter pen, line width 0.35 mm       1	
Plotter receptacle, for marker card       Plotter receptacle, for marker card         258-370       1         258-370       1         258-370       1         258-370       1         258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)         Thermal transfer printer, TP 298       Plotter IP 350         Resolution 300 dpi       258-350       1         258-298       1       1         Thermal transfer printer, TP 297       WAGO plotter pen, line width 0.35 mm         Resolution 203 dpi       1	
258-370       1         258-370       1         258-370       1         Accessories       (see also Full Line Catalog W4 Volume 1, Section 14)         Thermal transfer printer, TP 298       Plotter IP 350         Resolution 300 dpi       258-350       1         258-298       1       1         Thermal transfer printer, TP 297       WAGO plotter pen, line width 0.35 mm         Resolution 203 dpi       1	
Accessories     (see also Full Line Catalog W4 Volume 1, Section 14)       Thermal transfer printer, TP 298     Plotter IP 350       Resolution 300 dpi     258-350     1       258-298     1     1       Thermal transfer printer, TP 297     WAGO plotter pen, line width 0.35 mm       Resolution 203 dpi     1	<b>lotter receptacle,</b> for marker card
Accessories     (see also Full Line Catalog W4 Volume 1, Section 14)       Thermal transfer printer, TP 298     Plotter IP 350       Resolution 300 dpi     258-350     1       258-298     1     1       Thermal transfer printer, TP 297     WAGO plotter pen, line width 0.35 mm       Resolution 203 dpi     1	258-370
Thermal transfer printer, TP 298     Plotter IP 350       Resolution 300 dpi     258-350     1       258-298     1     1       Thermal transfer printer, TP 297     WAGO plotter pen, line width 0.35 mm       Resolution 203 dpi     1	
Thermal transfer printer, TP 298     Plotter IP 350       Resolution 300 dpi     258-350     1       258-298     1     1       Thermal transfer printer, TP 297     WAGO plotter pen, line width 0.35 mm       Resolution 203 dpi     1	
Thermal transfer printer, TP 298     Plotter IP 350       Resolution 300 dpi     258-350     1       258-298     1     1       Thermal transfer printer, TP 297     WAGO plotter pen, line width 0.35 mm       Resolution 203 dpi     1	
Thermal transfer printer, TP 298     Plotter IP 350       Resolution 300 dpi     258-350     1       258-298     1     1       Thermal transfer printer, TP 297     WAGO plotter pen, line width 0.35 mm       Resolution 203 dpi     1	
Thermal transfer printer, TP 298     Plotter IP 350       Resolution 300 dpi     258-350     1       258-298     1     1       Thermal transfer printer, TP 297     WAGO plotter pen, line width 0.35 mm       Resolution 203 dpi     1	
Resolution 300 dpi         258-350         1           258-298         1         Image: Comparison of the second	Accessories (see also Full Line Catalog W4 Volu
Resolution 300 dpi         258-350         1           258-298         1         Image: Comparison of the second	hermal transfer printer. TP 298
258-298     1       Thermal transfer printer, TP 297     WAGO plotter pen, line width 0.35 mm       Resolution 203 dpi     Image: Comparison of the second seco	
Thermal transfer printer, TP 297     WAGO plotter pen, line width 0.35 mm       Resolution 203 dpi     Image: Comparison of the second	
Resolution 203 dpi	230-270
	hermal transfer printer, TP 297
<b>258-297</b> 1 <b>258-228</b> 1	Resolution 203 dpi
	258-297
Ink ribbon, 90 mm / 3.54 in width, 300 m roll WAGO disposable pen, line width 0.35 mm	nk ribbon, 90 mm/3.54 in width, 300 m roll
258-150 1 258-328 1	259 150 I
230-130	250-150

## **Cable Marking**

Cable marking sleeve, halogen-free for marker card, for wire sizes from AWG 8 (10 mm<sup>2</sup>) for cable tie (can also be fitted subsequently)

1

258-298

258-150

Resolution 203 dpi 258-297

Thermal transfer printer, TP 297

Self-laminating labels on DIN A4 sheets or roll for cable marking.

Cable diameter approx. 3 mm/0.118 in - 14 mm/0.55 in



	ltem No.	Packunit	ltem No.	Packunit
Marking sleeve, f		pcs	Labels on DIN A4 sheets	pcs
23 mm long / 0.9 in			for laser printer	
23 mm long / 0.9 in			for laser printer	
for wires from AW	C 9 (10		Marker surface "S" = 9 mm x "B" = 17	7
for wires from AVV	. ,	1000		/ mm
	211-129	1000	"L" = 35 mm	
			for max. cable Ø 8 mm/0.315 in	
			70 labels per sheet	00
			211-150	20
			Marker surface "S" = 13 mm x "B" = 2"	l mm
			"L" = 56 mm	
			for max. cable Ø 14 mm/0.55 in	
			32 labels per sheet	
			211-151	25
			Labels on roll	
			for thermal transfer printer	
Article specifi	c accessories			
			Marker surface "S" = 8 mm x "B" = 18	3 mm
Marker card, for t	thermal transfer p	rinter,	"L" = 35 mm	
100	23 mm / 0.9 in	long, white	for max. cable Ø 9 mm/0.354 in	
	211-121	1 x 3000	9,000 labels per roll	
-			211-155	1
Marker card, for p	plotter,			
	23 mm / 0.9 in	long, white	Marker surface "S" = 13 mm x "B" = 23	3 mm
	211-120	30 x 34	"L" = 51 mm	
			for max. cable Ø 12 mm/0.472 in	
Plotter receptacle	, for marker card	ł	5,000 labels per roll	
			211-156	1
	258-370	1		
1				
Cable tie,				
200	(2,5 x 100) mm	1		
	807-0090/0			
1		20		
Accessories	(see also Full Line	Catalog W4 Volume	e 1, Section 14)	
Thermal transfer	printer, TP 298		Plotter IP 350	
include induster	Resolution 300	dni	258-350	1
A COLOR		upi	230-030	1



▲ ₩

14



## Marker carriers for WCB Combi Marking System

Marker carriers for 4 WCB markers WCB Combi marking system

20 markers with identical numbers/letters each tag





ltem No.	Packunit pcs	Marking per tag	ltem No.	Marking per tag	ltem No.
Marker carriers for 4 WCB mark	ers	plain	249-200	A (20x)	249-211
2009-184		1 (20x)	249-201	B (20x)	249-212
		2 (20x)	249-202	C (20x)	249-213
suitable for terminal blocks with WI	VB marking	3 (20x)	249-203	D (20x)	249-214
receptacle		4 (20x)	249-204	E (20x)	249-215
•		5 (20x)	249-205	F (20x)	249-216
		6 (20x)	249-206	G (20x)	249-217
		7 (20x)	249-207	H (20x)	249-218
		8 (20x)	249-208	I (20x)	249-219
		9 (20x)	249-209	J (20x)	249-220
		0 (20x)	249-210	K (20x)	249-221
				L (20x)	249-222
		10 (2x)	249-239	M (20x)	249-223
		. /		N (20x)	249-224
		1. (20x)	249-241	O (20x)	249-225
		2. (20x)	249-242	P (20x)	249-226
		3. (20x)	249-243	Q (20x)	249-227
		4. (20x)	249-244	R (20x)	249-228
		5. (20x)	249-245	S (20x)	249-229
		6. (20x)	249-246	T (20x)	249-230
		7. (20x)	249-247	U (20x)	249-231
		8. (20x)	249-248	V (20x)	249-232
		9. (20x)	249-249	W (20x)	249-233
		0. (20x)	249-250	X (20x)	249-234
				Y (20x)	249-235
		+ (20x)	249-237	Z (20x)	249-236
		- (20x)	249-238	- ()	
		()			
		Pieces per p	acking unit: 10	taas	
			<u> </u>		



Insert WCB Combi marker into marker carrier



Twist the marker carrier off the carrier holder . . .



... and insert the marker carrier into the WMB marking receptacle of the terminal block

VOLUME 1

	-
	JME
	OLL
	ž



Contents Volume 2	Terminal strips for PCBs – <mark>Reflow</mark> Pin spacing 2.5 mm/0.098 in Pin spacing 2.54 mm/0.1 in	Series 218 Series 218	54 54
	Terminal strips for PCBs – Reflow Pin spacing 5 mm/0.197 in Pin spacing 2.5 mm/0.098 in Pin spacing 3.5 mm/0.138 in	Series 236 Series 250 Series 250	55 55 55
	Terminal strips with "internal commoning" Pin spacings 5 mm/0.197 in, 7.5 mm/0.295 in; 2.5 mm²/AWG 14	Series 804	57
	2-conductor female connector strips with CAGE CLAMP®S connection 1.5 mm²/AWG 16	Series 806	58
	2-conductor modular terminal blocks and termina	l strips	
ETETET ETETET	with CAGE CLAMP <sup>®</sup> S connection Pin spacing 75 mm/0.295 in; 6 (10) mm²/AWG 10	Series 746	59
	Modular terminal blocks and terminal strips witho with CAGE CLAMP <sup>®</sup> connection	out jumper slot	
Filt	Pin spacing 5 mm/0.197 in; 4 mm <sup>2</sup> /AWG 12 Pin spacing 7.5 mm/0.295 in; 4 mm <sup>2</sup> /AWG 12 Pin spacing 10 mm/0.394 in; 4 mm <sup>2</sup> /AWG 12 Pin spacing 12.5 mm/0.492 in; 4 mm <sup>2</sup> /AWG 12	Series 745 Series 745 Series 745 Series 745	60 60 - 61 60 - 61 60 - 61
	Modular terminal blocks with spacers 6 mm <sup>2</sup> Pin spacing 7.5 mm/0.295 in, 10 mm/0.394 in	Series 745	62
	Terminal strips with spacers 6 mm <sup>2</sup> /AWG 10 Pin spacing 10 mm/0.394 in, 12.5 mm/0.492 in, 15 mm/0.591 in	Series 745	63
	MULTI CONNECTION SYSTEM		
THE CONTRACT OF THE CONTRACT.	Male and female connectors with CAGE CLAMP <sup>®</sup> connection Pin spacing 2.5 mm/0.098 in	Series 733	64
	Headers with solder pins — Reflow Pin spacing 3.5 mm/0.138 in	Series 734	66 – 67
	Headers with solder pins — Reflow Pin spacing 5 mm/0.197 in	Series 231	68 – 69
	Extension of pole number - connectors, Pin spacing 3.5 mm/0.138 in	Series 734	70

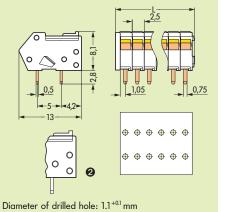
		Combi strip with CAGE CLAMP® connection Pin spacing 3.5 mm/0.138 in	Series 734	71
		IP 20 protection using cover for male connectors Pin spacings 3.5 mm/0.138 in, 3.81 mm/0.15 in	Series 734	72
	k	Operating tools MINI MIDI	Series 734 Series 231	73 73
Contraction of the second seco		Female connectors with solder pins Pin spacing 3.5 mm/0.138 in Pin spacing 3.81 mm/0.15 in	Series 734 Series 734	74 75
	The second	Angled female connectors with CAGE CLAMP <sup>®</sup> connection Pin spacing 5 mm/0.197 in	Series 722	76
TANKER OF		Extension of pole number Pluggable connectors with right angle solder pins, Pin spacing 5 mm/0.197 in Pluggable connectors with threaded/screw flanges, Pin spacing 5.08 mm/0.2 in	Series 231 Series 231	77 79
		Comb type jumper bars Pin spacing 5 mm/0.197 in	Series 231	78
		Strain relief plates for 2-conductor female connector with CAGE CLAMP <sup>®</sup> connection	rs Series 734	80
		Headers with solder pins Pin spacing 7.62 mm/0.3 in	Series 831	81
	C. MA	Headers with CAGE CLAMP <sup>®</sup> connection Pin spacing 7.62 mm/0.3 in Female connectors with CAGE CLAMP <sup>®</sup> connection	Series 831	82
		and locking device Pin spacing 7.62 mm/0.3 in	Series 831	83
		Operating tools Screw driver	Series 210	84



## PCB Terminal Strips for THR Soldering Terminal Strips with Locking Slide 0.5 mm²/AWG 20 Pin spacings 2.5 mm and 2.54 mm; Series 218

0.08 – 0. 160 V/2. I <sub>N</sub> 6 A		28 – 20 <b>0</b> 4 A <b>91</b> 4 A @	0.08 <b>– 0.</b> 160 V/2.5 I <sub>N</sub> 6 A		28 – 20 <b>0</b> 4 A <b>N</b>	Pin pacir	al strips in ta ng 2.5 mm ng 2.54 mm	ıpe on reel	
				Contraction of the second			555	Ter	
No. of poles	ltem No.	Pack. unit pcs	No. of poles	ltem No.	Pack. unit pcs	No. of poles	ltem No.	Width (W)	of ree
·	or terminal strips with lo		•	r terminal strips with lo	•	<u> </u>	or terminal strips		de,
	ins/pole in line, black,		2 solder pins/pole in line, black,			2 solder pins/pole in line, black,			
locking slide			locking slide,	white		locking slid	e, white		
2	218-102/000-604	1000 (10 x 100)	2	218-502/000-604	1000 (10 x 100)	-			
3	218-103/000-604	1000 (10 x 100)	3	218-503/000-604	1000 (10 x 100)	Terminal s	strips with addition	nal suction pad	in a
4	218-104/000-604	500 (5 × 100)	4	218-504/000-604	500 (5 x 100)		el according to IE		
5	218-105/000-604	500 (5 x 100)	5	218-505/000-604	500 (5 x 100)		ter 330 mm / 13 in		
6	218-106/000-604	280 (4 x 70)	6	218-506/000-604	280 (4× 70)		2.5 mm / 0.098 in Po	ack. unit 250 pcs	(mm
7	218-107/000-604	240 (4 x 60)	7	218-507/000-604	240 (4 x 60)	2	218-102/000-6		1
Other numb	pers of poles and pin spacir			ers of poles and pin spaci		3	218-103/000-6		3
		<u> </u>			<u> </u>	4	218-104/000-6	604/997-405	3
Accesso	ries					5	218-105/000-6	604/997-405	3
Test pin, Ø	0 1 mm/0.039 in		Test pin, Ø	1 mm/0.039 in		6	218-106/000-6	604/997-405	3
	735-500	1		735-500	1	7	218-107/000-6	604/997-405	3
	Test wire for sold	l. onto test plug		Test wire for sold	I. onto test plug	Pin spacing	2.54 mm / 0.1 in Po	ack. unit 250 pcs	(mm
						2	218-502/000-6	604/997-403	1
Screwdrive	er with partially insulated	d shaft,	Screwdrive	r with partially insulate	d shaft,	3	218-503/000-6	604/997-405	3
	2.5 x 0.4 mm/0.	.098 in x 0.016 in		2.5 x 0.4 mm / 0.	.098 in x 0.016 in	4	218-504/000-6	604/997-405	3
	210-619	1		210-619	1	5	218-505/000-6	604/997-405	3
						6	218-506/000-6	604/997-405	3
						7	218-507/000-6	604/997-405	3
	(m)								
	(min)	inal strips with whit							

Dimensions (in mm)

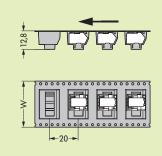


Diameter of drilled hole:  $1.1^{100}$  mm L = (No. of poles x pin spacing) + 1.5 mm

 $\ensuremath{^*}\xspace$  Further approvals with corresponding ratings can be found at www.wago.com

-8,1 000 0 2,8 Ų 0,75 0,5 1,05 -5-4.2 13-• • • • • • 0  $\oplus \oplus \oplus \oplus \oplus \oplus$ 0 Diameter of drilled hole: 1.1<sup>+0.1</sup> mm L = (No. of poles x pin spacing) + 1.5 mm

2,54



1 in adjacent positions 0.75 mm<sup>2</sup>/AWG 18

A groove at the back of the terminal block differentiates between the two pin spacings

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### PCB Terminal Strips for THR Soldering Series 236 and Series 250

Pin spacing 5/ 0.197 in           0.08 - 2.5 mm²         AWG 28 - 12**           200 V/4 kV/3, I <sub>N</sub> 16 A         300 V, 15 A 92           320 V/4 kV/2, I <sub>N</sub> 16 A         AWG 28 - 12**	Pin spacing 2.5 mm / 0.098 in           0.4 - 0.8 mm∅ "s"❷           250 V/2.5 kV/2           300 V, 5 A %	Pin spacing 3.5 mm / 0.138 in           0.5 – 1.5 mm <sup>2</sup> "s+f-st"         AWG 20 – 16 "sol."           400 V/4 kV/2         300 V, 5 A 92           I <sub>N</sub> 2 A         A	ME 2
۶ – 6 mm / 0.22 in * ۶۷	≥ 8.5 – 9.5 mm / 0.35 in * ¶∆	* 51 8.5 – 9.5 mm / 0.35 in	

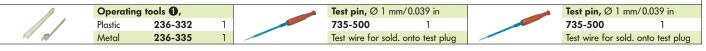






No. of poles	ltem No.	Pack. unit pcs	No. of poles	ltem No.	Pack. unit pcs	No. of poles	ltem No.	Pack. unit pcs
Terminal	strips, reflow soldering tech	nology,	Terminal s	trips with push-button, re	eflow soldering	Terminal s	strips with push-button, re	flow soldering
2 solder	pins / pole, black		technology,	1 solder pin/pole stagge	e <b>red,</b> black, with	technology	, 1 solder pin⁄pole stagge	<b>red,</b> black, with
			test slot for	test pin up to 1.3 mm Ø		test slot for	test pin up to 1.3 mm Ø	
2	236-402/334-604	420 (4 x 105)	2	250-402/350-604	720 (4×180)	2	250-202/350-604	560 (4 x 140)
3	236-403/334-604	280 (4× 70)	3	250-403/350-604	520 (4×130)	3	250-203/350-604	400 (4 x 100)
4	236-404/334-604	220 (4× 55)	4	250-404/350-604	400 (4 x100)	4	250-204/350-604	300 (4 x 75)
5	236-405/334-604	160 (4 x 40)	5	250-405/350-604	340 (4 x 85)	5	250-205/350-604	240 (4 x 60)
6	236-406/334-604	140 (4 x 35)	6	250-406/350-604	280 (4 x 70)	6	250-206/350-604	200 (4 x 50)
			7	250-407/350-604	240 (4 x 60)	7	250-207/350-604	180 (4 x 45)
			8	250-408/350-604	220 (4 x 55)	8	250-208/350-604	160 (4 x 40)
			<b>2</b> 0.2 mm <sup>2</sup>	² – 0.5 mm² "f-st"				
Other nun	nbers of poles and pin spacir	ngs on request	Other num	bers of poles and pin spacir	igs on request	Other num	bers of poles and pin spacin	gs on request

#### Accessories



Double savings are now available with WAGO PCB terminal blocks: as always, the time-saving CAGE CLAMP<sup>®</sup> and push-wire connections and now additional savings from their suitability for the THR solder process. This is achieved by changing the length of the solder pin which is adapted to the reflow process and by the use of high temperature resistant plastic for the insulating housing.

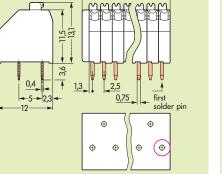
The new terminal blocks are simply pushed into the solder paste filled PCB holes and then soldered along with the SMT components. The previous wave soldering process is no longer necessary. The result is a perfect connection both from the mechanical and the electrical point of view.

Dimensions (in mm)

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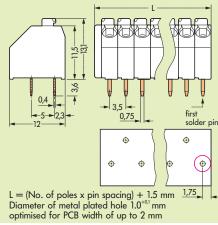


Packings for pick and place applications on request



 $L = (No. of poles x pin spacing) + 1.5 mm \\ Diameter of metal plated hole 1.0<sup>+0.1</sup> mm \\ optimised for PCB width of up to 2 mm$ 





L = (No. of poles x pin spacing) + 2.3 mm Diameter of metal plated hole  $1.1^{+0.1}$  mm optimised for PCB width of up to 2 mm

\*\* AWG 12: THHN, THWN 1 for factory wiring



## **Reflow Soldering**

#### THR (Through-Hole-Reflow)

Design and application recommendations for the THR solder process



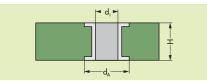
In the manufacture of electronic products, Surface Mount Technology has led to a rapid rise in productivity.

The integration of classic electromechanical components such as connectors or PCB terminal blocks into the reflow soldering process offers even more potential for economy.

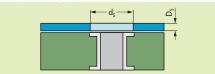
By using high temperature resistant plastic and an optimized pin design, the WAGO Through Hole Reflow PCB terminal blocks meet the requirement for SMT process capability while maintaining the necessary stability.

#### The THR preparation and solder process





SMD positioning pattern

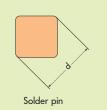


Application of solder paste

#### THR product series

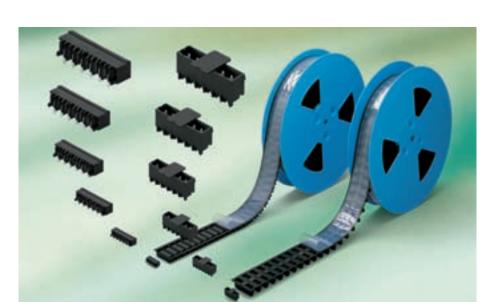
Series	d <sub>i</sub> (mm)	d <sub>A</sub> (mm)	H(mm)	d <sub>s</sub> (mm)	D <sub>s</sub> (μm)	d(mm)	L(mm)
734	1.4+0,1	2.5	< 2	2.4	150	1.2	2.4
231	1.4+0,1	2.5	< 2	2.4	150	1.2	2.4
236	1.1 <sup>+0,1</sup>	2.2	< 2	2.1	150	0.9	3.6
250	1.0+0,1	2.0	< 2	2.1	150	0.9	3.6

d <sub>i</sub> :	Inner diameter metal plated PCB bore hole
d <sub>A</sub> :	Outer diameter metal plated PCB bore hole*
H:	PCB thickness
d.:	Pattern hole diameter
D <sub>s</sub> :	Pattern thickness
d:	Pin diagonal
L:	Pin length

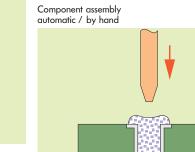


\* When laying out the metal plated bore holes, consider the requirements of air and creepage distances of the equipment standards.

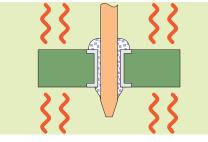
We recommend a temperature profile in accordance with EN 61760-1 and the use of forced convection ovens.



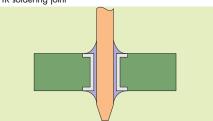
"Tape on Reel" packings for pick and place applications



Reflow soldering process



THR soldering joint





## CAGE CLAMP® PCB Terminal Strips 2.5 mm<sup>2</sup>/AWG 14 Pin spacings 5 mm/0.197 in and 7.5 mm/0.295 in; Series 804

Pin spacing 5 mm / 0.197 in           0.5 - 2.5 mm <sup>2</sup> ,s+f-st"         AWG 20 - 12 "s+f-st"           250 V/4 kV/3; I <sub>N</sub> 16 A         300 V, 10 A 90           500 V/4 kV/2; I <sub>N</sub> 16 A         10 - 11 mm / 0.41 in	$\begin{array}{c c} \mbox{Pin spacing 7.5 mm} & / \ 0.295 \ \mbox{in} \\ 0.5 - \ 2.5 \ \mbox{mm}^{\prime\prime}_{\prime\prime} s + f - st'' \\ 400 \ \ V/6 \ \ kV/3; \ \ I_N \ \ I6 \ \ A \\ 800 \ \ V/6 \ \ \ kV/2; \ \ I_N \ \ I6 \ \ A \\ \hline \ 10 - 11 \ \ \ \ mm \ \ / \ \ 0.41 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Accessoires Internal commoning	VOLUEM 2
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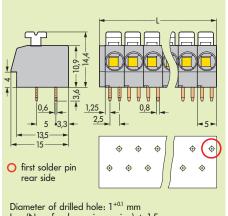




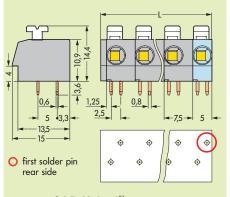
No. of poles	ltem No.	Pack. unit pcs	No. of poles	ltem No.	Pack. unit pcs		ltem No.	Pack. unit pcs
1-conductor	terminal strips with p	oush button,	1-conductor	terminal strips with	push button,	Marker cards,		
2 solder pin	<b>s/pole staggered,</b> gre	у,	2 solder pins	2 solder pins/pole staggered, grey,			100 self-adhes	ive
with test slot f	or test pin Ø 1 mm/0.0	139 in	with test slot f	or test pin Ø 1 mm/0.	039 in	statet	strips per card	
2	804-102	420 (4 x 105)	2	804-302	320 (4 x 85)	10101010101		
3	804-103	280 (4 × 70)	3	804-303	220 (4 x 55)	Print - Pin spacing	5 mm/0.197 in	
4	804-104	220 (4 x 55)	4	804-304	160 (4 x 40)	1–12 (300 x)	210-331/050	<b>00-0103</b> 1 card
5	804-105	180 (4 x 45)	5	804-305	120 (4×30)	13–24 (300 x)	210-331/050	00-0104 1 card
6	804-106	140 (4 x 35)	6	804-306	100 (4 × 25)			
7	804-107	120 (4 x 30)	7	804-307	80 (4 x 20)	Print - Pin spacing	7.5 mm / 0.295 in	
8	804-108	100 (4 x 25)	8	804-308	80 (4 x 20)	1–16 (100 x)	210-331/075	50-0202 1 card
9	804-109	100 (4 x 25)	9	804-309	60 (4 x 15)			
10	804-110	80 (4 x 20)	10	804-310	60 (4 x 15)			
11	804-111	80 (4 x 20)	11	804-311	60 (4 x 15)			
12	804-112	60 (4 x 15)	12	804-312	40 (4 x 10)	Direct printing on	request	
13	804-113	60 (4 x 15)				Test pin, Ø 1 mm	n/0.039 in	
14	804-114	60 (4 x 15)					735-500	1
15	804-115	60 (4 x 15)					Test wire for so	old. onto test plug
16	804-116	40 (4 x 10)						
						Screwdriver with	h partially insulat	ed shaft,
Pin spacing 1	0 mm (with spacer) on re	equest					3.5 x 0.4 mm/	0.137 in x 0.016 in
							210-620	1
Additional ite	m number for coloured	terminal strips				Internal com	moning	
red	/000-005	•	Ordering exa	mple			-	
blue	/000-006	0	Terminal strip,	pin spacing 5 mm/0.1	97 in, 8 poles,		e requirement of	
orange	/000-012		orange	804-108/00	0-012		conductors over t	
1.1.	(000.017					DV WAGO thro	ugh the "internal	commoning of

. . . / 000-017 🔵 light green 1 Terminal blocks with blue insulation are suitable for Ex i applications (only for pin spacing 7.5 mm/ 0.295 in and 10 mm / 0.394 in)

Dimensions (in mm)



L = (No. of poles x pin spacing) + 1.5 mm



Diameter of drilled hole:  $1^{+0.1}$  mm L = (No. of poles - 1) x pin spacing + 5 mm + 1.5 mm

\* Marks and approval data can be found on the Internet at www.wago.com.

57

by WAGO through the "internal commoning" of 804 Series terminal strips. This way, custom terminal strips can be commoned to each other and marked at the factory.





## 2-Conductor Female Connector Strips 1.5 mm<sup>2</sup>/AWG 16 Pin Spacing 5 mm/0.197 in, Series 806

LUME 2	<b>Pin spacing 5 mm</b> 2×0.2–1.5 mm <sup>2</sup> 250 V/2.5 kV/3 <b>0</b> I <sub>N</sub> 10 A	/ <b>0.197 in</b> 2 × AWG 24 - 16 300 V, 10 A <b>%</b>
VOLU	• - 10 mm / * •	′ 0.37 in

9 – 10 mm / 0.37 in

 250 V = rated voltage
 2.5 kV = rated surge voltage
 3 = pollution degree
 (see also Full Line Catalog W4 Volume 2, Section 12)





Connection of solid conductors: insert stripped wire up to the stop

Connection/disconnection of fine-stranded conductors: open clamping unit using a screwdriver and insert stripped wire up to the stop

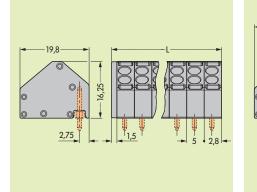
No. of poles	ltem No.	No. of poles	ltem No.	
Female conn	ector strips, grey	Female conn	ector strips with removal aid, grey	
for solder pin	strip	for solder pin	strip	
2	806-102	2	806-202	
3	806-103	3	806-203	
4	806-104	4	806-204	
5	806-105	5	806-205	
6	806-106	6	806-206	
7	806-107	7	806-207	
8	806-108	8	806-208	
9	806-109	9	806-209	
10	806-110	10	806-210	
11	806-111	11	806-211	
12	806-112	12	806-212	
For other leng	ths, please contact factory	For other lengths, please contact factory		
Additional iter	n numbers for colored terminal strips	Additional item	n numbers for colored terminal strips	
blue	/000-006 🔵	blue	/000-006 🔵	
orange	/000-012 🛑	orange	/000-012 🛑	

#### Accessories

Downloaded from Arrow.com.

Solder pin strip,	connector pin Ø 1.3 mm	Solder pin strip,	connector pin Ø 1.3 mm				
-	solder pin Ø 1 mm	-	solder pin Ø 1 mm				
1771	2 to 12 poles	177	2 to 12 poles				
11	806-902 to 806-912	17	806-902 to 806-912				
Marker card,		Marker card,					
	with self-adhesive		with self-adhesive				
a salats	marker strips	a salata	marker strips				
1010101010		1010101010					
1 – 16 (160 x)	210-332/0500-0202 1 card	1 – 16 (160 x)	210-332/0500-0202 1 card				
Direct printing on re	quest	Direct printing on request					
Dimensions (in mm) Diameter of drilled hole: 1.3 mm L = No. of poles x pin spacing + 1.5 mm							

19,8



\* Further approvals with corresponding ratings can be found at www.wago.com

23,3

0

2,75



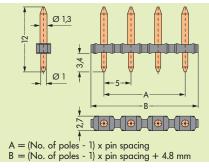
Connecting the conductor directly into the connector ... ...or pre-assembled



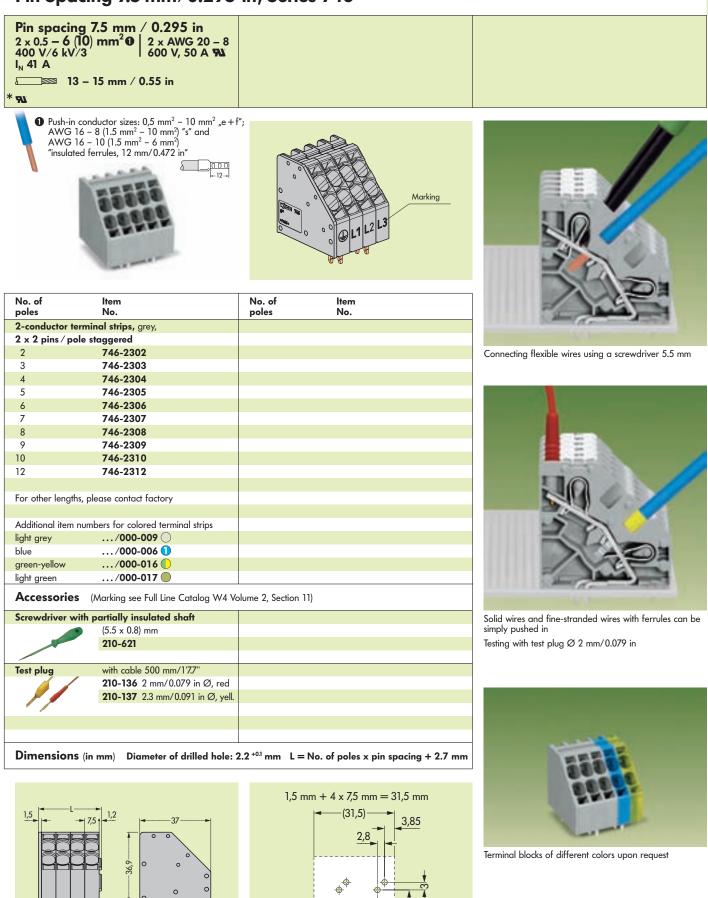
Removing the terminal blocks to place the board



Terminal strip insulation housings mixed in different colors on request



## Modular Terminal Blocks and Terminal Strips 6 mm²/AWG 10 CAGE CLAMP® Pin Spacing 7.5 mm/0.295 in; Series 746



2

VOLUME

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## Modular Terminal Blocks and Terminal Strips without Jumper Slot 4 mm<sup>2</sup>/AWG 12 Pin Spacing 5 mm/0.197 in; Series 745

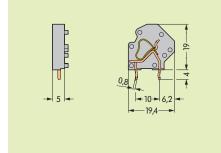
	Pin spacing 5 mm / 0.197 in		Pin spacing 5 mm	/ 0.197 in
2	0.08 – 4 mm <sup>2</sup> 250 V/4 kV/3	AWG 28 – 12 300 V, 20 A <b>30</b>	0.08 – 4 mm <sup>2</sup> 250 V/4 kV/3	AWG 28 - 12 300 V, 20 A <b>30</b>
ME	I <sub>N</sub> 32 A	500 V, 20 A c Haus	I <sub>N</sub> 32 A	300 V, 20 A c Haus
LU	8 – 9 mm / 0.33 in		8 – 9 mm / 0.33 in	
9	* " <b>A</b> us		* . <b>91</b> s	



1



Color	ltem No.	Packunit pcs	No. of Item poles No.	
Modular termina	al blocks without ju	mper slot,	Terminal strips	
2 solder pins/pc	ole		without jumper slot, grey	У,
grey	745-3801 🔵	200 (2 x 100	2 solder pins/pole	
light grey	745-3803	200 (2 x 100		
blue	745-3804	200 (2 × 100	2 745-	-3102
green-yellow	745-3807 🌔	200 (2 × 100	3 745-	-3103
light green	745-3808	200 (2 × 100	4 745-	-3104
			5 <b>745</b> -	-3105
Δ			6 745-	-3106
Accessoires			7 745-	-3107
End plate, snap-o	on type, 1.5 mm / 0.05	59 in thick	8 745-	-3108
100			9 745-	-3109
100	grey	745-3100 100	10 745-	-3110
Same?	5,		12 745-	-3112
Spacer, 2.5 mm/	0.098 in thick		Saving space	
1000			2 terminal strips can be arranged in front of each other	
100	grey	745-3138		
3-8	for extending the	e pin spacing		
Test plug, with co		1 1 5		
	Ø 2 mm / 0.079 in ,	red <b>210-136</b> 50		
	Ø 2.3 mm / 0.091 in		For assemblies in other leng	aths and colours, ple
		,,	contact factory.	5
Dimensions (			Wins association with a second diam 2.5 mm (0.128 in Dimensions (in mm)	

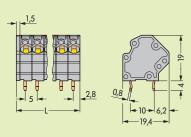


Diameter of drilled hole: 1.5  $^{\rm +0.1}\,\rm mm$ 

Downloaded from Arrow.com.



Testing with test plug Ø 2 mm / 0.079 in



Diameter of drilled hole:  $1.5^{+0.1}$  mm L = No. of poles x pin spacing + 1.5 mm

## Terminal Strips without Jumper Slot 4 mm<sup>2</sup>/AWG 12 Pin Spacings 7.5 mm/0.295 in, 10 mm/0.394 in, 12.5 mm/0.492 in; Series 745

Pin spacing 7.5 mm / 0.295 in 0.08 – 4 mm <sup>2</sup>   AWG 28 – 12			Pin spacing 10 mm / 0.394 in 0.08 – 4 mm <sup>2</sup> AWG 28 – 12		mm / 0.492 in	
		8 – 12 0.08 – 4 mn 20 A <b>5 Nu</b> s 630 V/8 kV/3 Ist 32 A		0.08 – 4 mm <sup>2</sup> 630 V/8 kV/3 I <sub>N</sub> 32 A	AWG 28 – 12 600 V, 20 A <b>RU</b> s	<b>AE 2</b>
	8 − 9 mm / 0.33 in	IN -	9 mm / 0.33 in	8 – 9 mm	⁄ 0.33 in	LUN
	* c <b>R</b> us	* • • • • • • • • • • • • • • • • • • •		* • • • • • • • • • • • • • • • • • • •		2

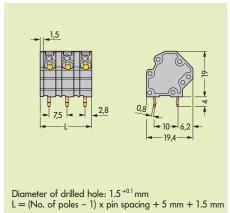


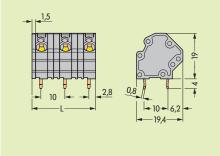




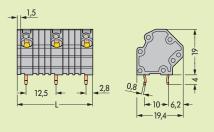
No. of poles	ltem No.	No. of poles	ltem No.	No. of poles	ltem No.
Terminal strip		Terminal strips	140.	Terminal strips	
without jump		without jumper	r slot grov	without jump	
2 solder pins		2 solder pins/g		2 solder pins	
2 solder pills	, pole	2 solder pills/		2 solder pills/	pole
2	745-3152	2	745-3202	2	745-3252
3	745-3153	3	745-3203	3	745-3253
4	745-3154	4	745-3204	4	745-3254
5	745-3155	5	745-3205	5	745-3255
6	745-3156	6	745-3206	6	745-3256
7	745-3157	7	745-3207	7	745-3257
8	745-3158	8	745-3208	8	745-3258
9	745-3159	9	745-3209	9	745-3259
10	745-3160	10	745-3210	10	745-3260
12	745-3162	12	745-3212	12	745-3262
For assemblies	in other lengths and colors, please	For assemblies in	other lengths and colors, please	For assemblies	in other lengths and colors, please
contact factory	у.	contact factory.		contact factory.	
		Additional iter	m Nos. for colored terminal strips	Ordering exam	ples
	and the states of	and end plate	es	Terminal strip, p	oin spacing 5 mm/0.197 in
	alle alle alle	blue	/006 🕦	8 poles, light gr	rey: 745-3108/000-009
10	the come all the	light grey	/009 🔘		
All	A WALL	green-yellow	/016 🜔	Terminal strip p	in spacing 12 mm/0.492 in
10	102 102	light green	/017 🔵	12 poles, blue:	745-3262/000-006
15040	and the state				
a new free	and he want he	🕕 Suitable fo	or EEx i applications (only suitable for	pin spacings	
		7.5 mm / 0.	.295 in; 10 mm/0.394 in and 12.5 mr	n / 0.492 in)	

Dimensions (in mm) (Mounting shall provide flexibility for the PCB.)





Diameter of drilled hole:  $1.5^{+0.1}$  mm L = (No. of poles – 1) x pin spacing + 5 mm + 1.5 mm



Diameter of drilled hole:  $1.5^{\pm0.1}\,\text{mm}$  L = (No. of poles – 1) x pin spacing + 5 mm + 1.5 mm

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Downloaded from Arrow.com.



# Modular Terminal Blocks 6 mm<sup>2</sup>/AWG 10, Series 745, Pin Spacings 7.5 mm / 0.295 in and 10 mm / 0.394 in

	Pin spacing 7.5 mm / 0.295 in		Pin spacing 10 mm / 0.394 in		Spacer
2	$0.2 - 6 \text{ mm}^2$	AWG 24 – 10	$0.2 - 6 \text{ mm}^2$	AWG 24 – 10	
$\leq$	400 V/6 kV/3 I <sub>N</sub> 32 A	300 V, 30 A <b>31</b>	630 V/8 kV/3 I <sub>N</sub> 32 A	300 V, 30 A <b>5</b>	
E			IN IN		
Ĩ	. 11 − 12 mm	n / 0.45 in	🔚 🔤 11 – 12 mn	n / 0.45 in	
Ş	*.90.		* . <b>91</b> s		

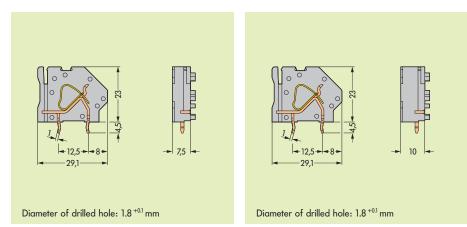


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Color	ltem No.	Packunit pcs	Color	ltem No.	Packunit pcs	Color	ltem No.	Packunit pcs
Modular termine	al blocks,		Modular terminal	blocks,		Spacer, 2.5 r	nm wide	
2 solder pins /p	ole		2 solder pins / pol	e				
grey	745-831 🔵	100 (2 x 50)	grau	745-841 🔵	100 (2 x 50)	grey	745-338	
light grey	745-833 🔵	100 (2 × 50)	light grey	745-843 🔵	100 (2 × 50)			
blue	745-834 🕕	100 (2 × 50)	blue	745-844 🕕	100 (2 × 50)			
green-yellow	745-837 🌔	100 (2 × 50)	green-yellow	745-847 🌔	100 (2 × 50)			
light green	745-838 🔵	100 (2 × 50)	light green	745-848 🔵	100 (2 × 50)			
🕕 suitable for Ex	i applications		🚺 suitable for Ex i	applications				
Accessories	(for WMB marking (	accessories and m	niature WSB marking	accessories see	Full Line Catalog W4	Volume 1, Sectio	n 11)	
	End plate, snap-	-on type		End plate, s	nap-on type			
	1.6 mm / 0.063 in	thick		1.6 mm/0.06	3 in thick			
	grey 745-3	<b>100</b> 100		grey 74	<b>5-300</b> 100			
	End plate with	fixing flange,		End plate w	ith fixing flange,			
	grey <b>745-3</b>	<b>40</b> 100		grey 74	<b>5-340</b> 100			
	End plate with	fixing flange,		End plate w	ith fixing flange,			
	grey <b>745-3</b>	<b>45</b> 100		grey <b>74</b>	<b>5-345</b> 100			
	Test plug, w. cab	le 500 mm/1'7.7"		Test plug, w.	cable 500 mm/1'7.7"			
	Ø 2 mm / 0.079 in,	red <b>210-136</b> 50		Ø 2 mm / 0.07	Pin, red <b>210-136</b> 50			
	Ø 2.3 mm / 0.091 ir	n, yel. <b>210-137</b> 50		Ø 2.3 mm / 0.0	91 in, yel. <b>210-137</b> 50			
	Comb type jum	per bar		Comb type	jumper bar			
<b>A</b>	1 to 3 <b>745-3</b>	<b>381</b> 250 (5 x 50)	A A	1 to 3 74	<b>5-391</b> 250 (5 x 50)			
	2-way 745-3	<b>382</b> 250 (5 x 50)		2-way 74	<b>5-392</b> 250 (5 x 50)			
ត់ ព	,	<b>883</b> 250 (5 x 50)	ត់ ព		5-393 250 (5 x 50)			
44	4-way 745-3	<b>884</b> 200 (4 × 50)	44	4-way 74	5-394 200 (4 × 50)			
	5-way 745-3	<b>885</b> 200 (4 × 50)			5-395 200 (4 × 50)			
00000	10-way <b>745-3</b>	<b>380</b> 200 (4 × 50)			<b>5-390</b> 200 (4 × 50)			
Dimensions (	(in mm)					Applicatio	on notes	



\* Further approvals with corresponding ratings can be found at www.wago.com

#### ••

Higher rated voltages are possible using terminal strips with spacers so that. 600 V to UL 1059 can be achieved without limitation at only 12.5 mm / 0.492 in pin spacing.

# Terminal Strips 6 mm²/AWG 10 with SpacersCAGE CLAMP®Pin Spacings 10 mm/0.394 in, 12.5 mm/0.492 in and 15 mm/0.591 in; Series 745

Pin spacing 10 m	m / 0.394 in	Pin spacing 12.5	mm / 0.492 in	Pin spacing 15 mm / 0.591 in	
0.2 – 6 mm <sup>2</sup> 630 V/8 kV/3 I <sub>N</sub> 32 A	AWG 24 – 10 300 V, 10 A <b>0</b> a <b>RL</b> us	$0.2 - 6 \text{ mm}^2$	AWG 24 - 10 600 V, 30 A a <b>RL</b> us	$0.2 - 6 \text{ mm}^2$	AWG 24 – 10 600 V, 30 A c <b>Al</b> us
11 – 12 mm / 0.45 in					n / 0.45 in
* . <b>91</b> us		* <b>89</b> us		* ° <b>N</b> us	

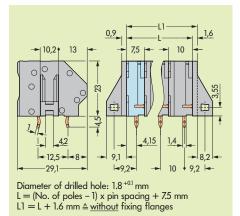


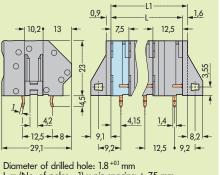




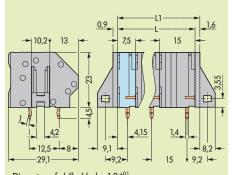
No. of poles	ltem No.	Packunit pcs	No. of poles	ltem No.	Packunit pcs	No. of poles	ltem No.	Packunit pcs
Terminal strips without fixing flanges, grey,			Terminal strips	Terminal strips without fixing flanges, grey,		Terminal strips without fixing flanges, grey,		inges, grey,
with spacers			with spacers	-		with spacers		
2 solder pins	/pole		2 solder pins /	pole		2 solder pins /	pole	
2	745-1352	104	2	745-1402		2	745-1452	
3	745-1353	72	3	745-1403		3	745-1453	
4	745-1354	48	4	745-1404		4	745-1454	
5	745-1355	40	5	745-1405		5	745-1455	
6	745-1356	32	6	745-1406		6	745-1456	
7	745-1357	24	7	745-1407		7	745-1457	
8	745-1358	24	8	745-1408		8	745-1458	
9	745-1359	16	9	745-1409		9	745-1459	
10	745-1360	16	10	745-1410		10	745-1460	
12	745-1362	16	12	745-1412		12	745-1462	
Additional iten	n no. for terminal strips	with fixing	Additional item	no. for terminal strip	s with fixing	Additional item r	no. for terminal stri	os with fixing
flanges	/005-000		flanges	/005-000	)	flanges	/005-00	0
Using jump	pers, the UL current is re	duced to 10 A at						
pin spacinę	g 10 mm							
For assemblies	in other lengths and co	lors, please	For assemblies in other lengths and colors, please			For assemblies in other lengths and colors, please		
contact factory	/.		contact factory.			contact factory.		
1		2.20	Additional ite	m nos. for colored t	erminal strips	Ordering examp	oles	
21/0		199	and end plat	es		Terminal strip, pi	n spacing 12.5 mm	/0.492 in
A LIULA BULLA TITU			blue	/00	)6 🕕	8 poles, light gre	ey: 745-1408/	000-009
AX OF	A	A	light grey	/00	)9 🔵	Terminal strip wit	th fixing flanges,	
5		5	green-yellow	/ <b>-0</b> 1	6 🛑	pin spacing 15 n	nm/0.591 in	
and the second	State of the second	and the second s	light green	/ <b>-0</b> 1	17 🔵	12 poles, blue:	745-1462/	005-006
		and and a second se						
			🚺 Suitable f	or Ex i applications				

Dimensions (in mm) (Mounting shall provide flexibility for the PCB.)





 $L = (No. of poles - 1) \times pin spacing + 7.5 mm$  $L = L + 1.6 mm \triangleq without fixing flanges$ 



Diameter of drilled hole:  $1.8^{+0.1}$  mm L = (No. of poles – 1) x pin spacing + 7.5 mm L1 = L + 1.6 mm  $\triangleq$  <u>without</u> fixing flanges



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## MULTI CONNECTION SYSTEM MICRO

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Male and Female Connectors, 100 % Protected against Mismating, CAGE CLAMP® Pin Spacing 2.5 mm / 0.098 in

ME 2	Pin spacing 2.5 mm/0.098 in, light gre           0.08 – 0.5 mm²         AWG 28 – 20           250 V/2.5 kV/2         250 V, 4 A %           I <sub>N</sub> 4 A         150 V, 4 A %	0.08 – <b>0.5 mm<sup>2</sup></b> 250 V/2.5 kV/2	<b>.098 in</b> , light grey AWG 28 – 20 250 V, 4 A <b>FU</b> 150 V, 4 A @	Pin spacing 2.5 mm/ 0.08 – 0.5 mm <sup>2</sup> 250 V/2.5 kV/2 I <sub>N</sub> 4 A	0.098 in, light grey AWG 28 – 20 250 V, 4 A <b>%</b> 150 V, 4 A @
LU	5 − 6 mm / 0.22 in	5 – 6 mm / 0.22 in		5 – 6 mm / 0	.22 in
N N	* 🔊 🏵 CCA 📧 🕾 GL BV LR NV 🛞 🗥 ABS	* 🔊 🕼 💿 CCA 🕬 🕾 GL BV LR NV 🕸 🛦 A	IBS		

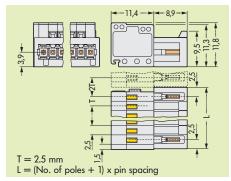




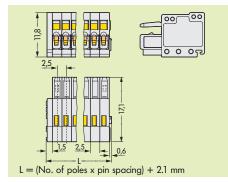


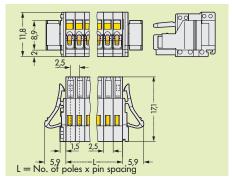
No. of poles	ltem No.	No. of poles	ltem No.	No. of poles	ltem No.
Male connector	s with CAGE CLAMP <sup>®</sup> connection,	Female connector	s with CAGE CLAMP <sup>®</sup> connection,	Female connector	rs with CAGE CLAMP <sup>®</sup> connection
100 % protected	d against mismating,	100 % protected	against mismating,	and locking leve	rs, 100 % protected against
light grey		with coding fingers	, light grey	mismating, with a	oding fingers, light grey
2	733-202	2	733-102	2	733-102/037-000
3	733-203	3	733-103	3	733-103/037-000
4	733-204	4	733-104	4	733-104/037-000
5	733-205	5	733-105	5	733-105/037-000
6	733-206	6	733-106	6	733-106/037-000
7	733-207	7	733-107	7	733-107/037-000
8	733-208	8	733-108	8	733-108/037-000
10	733-210	10	733-110	10	733-110/037-000
12	733-212	12	733-112	12	733-112/037-000
Accessories					
	Operating tool,		Operating tool,		Operating tool,
	see Full Line Catalog W4		see Full Line Catalog W4		see Full Line Catalog W4
	Volume 2, Section 11		Volume 2, Section 11		Volume 2, Section 11
	Coding key, snap-on type,				
	light grey				
	733-330				
Marker card,		Marker card,		Marker card,	
	100 self-adhesive		100 self-adhesive		100 self-adhesive
atelete -	strips per card	atelete e .	strips per card	statete -	strips per card
10111111111				101111111111	
Marking		Marking		Marking	
1 – 16 (400x)	210-331/0250-0202	1 – 16 (400x)	210-331/0250-0202	1 – 16 (400x)	210-331/0250-0202
For further printin	gs Full Line Catalog W4 Volume 2,	For further printing	s Full Line Catalog W4 Volume 2,	For further printing	gs Full Line Catalog W4 Volume 2,
Section 11		Section 11		Section 11	
			blease contact factory		

Dimensions (in mm)



\* Approvals with corresponding ratings see www.wago.com





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## MULTI CONNECTION SYSTEM **MINI** Headers with Solder Pins, Reflow Soldering 100 % Protected against Mismating, Pin Spacing 3.5 mm/0.138 in

Pin spacing 3.5 mm/0.138 in, black 250 V/2.5 kV/2 300 V, 10 A 9 I <sub>N</sub> 10 A	Pin spacing 3.5 mm/0.138 in, black 250 V/2.5 kV/2   300 V, 10 A <b>A</b> I <sub>N</sub> 10 A	
* 91	* 90	



5

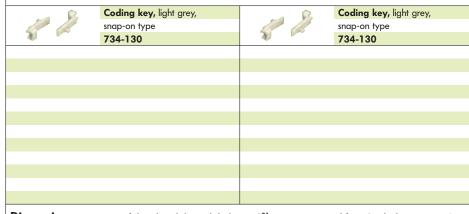


No. of poles	ltem No.		/idth of el (W)			
Headers with solder pins,		Headers with solder pins,				
100 % p	rotected against mismating, black,	100 % protected against mismating, black,	100 % protected against mismating, black,			
straight so	older pin 1 mm x 1 mm,	straight solder pin 1 mm x 1 mm,				
length of	f solder pin 2.4 mm/0.094 in	length of solder pin 2.4 mm/0.094 in				
		Headers in tape on reel acc. to IEC 60286	-3			
		Reel diameter 330 mm/13 in	(mm)			
2	734-132/105-604	2 734-132/105-604/997-405	32			
3	734-133/105-604	3 734-133/105-604/997-405	32			
4	734-134/105-604	4 <b>734-134/105-604/997-405</b>	32			
5	734-135/105-604	5 734-135/105-604/997-405	32			
6	734-136/105-604	6 734-136/105-604/997-407	56			
8	734-138/105-604	8 <b>734-138/105-604/997-407</b>	56			
10	734-140/105-604	10 734-140/105-604/997-407	56			
12	734-142/105-604	12 734-142/105-604/997-407	56			
		200 pieces per reel				
Access	<b>sories</b> (fit after soldering)					
	Coding key, light grey,	Coding key, light grey,				
	snap-on type	snap-on type				
	734-130	734-130				

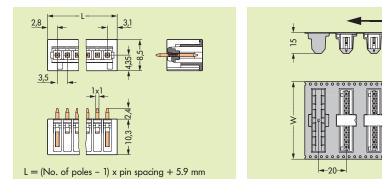


For use in reflow soldering processes in convection ovens based on EN 61760-1

- apply solder paste
- place components on PCB
- begin reflow soldering process



Dimensions Diameter of the plated through hole: 1.4<sup>+0,1</sup> mm – optimized for PCB thickness up to 2 mm



\* Further approvals with corresponding ratings can be found at www.wago.com

Downloaded from Arrow.com.

<u>Note:</u> These connectors can only be mated and unmated at voltages below 42 V and in the "No load" condition.

For mating and unmating at low power values, please request data.

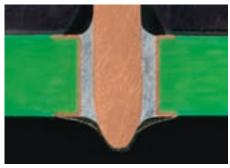
## MULTI CONNECTION SYSTEM **MINI** Headers with Solder Pins, Reflow Soldering 100 % Protected against Mismating, Pin spacing 3.5 mm/0.138 in

Pin spacing 3.5 mm/0.138 in, black 250 V/2.5 kV/2   300 V, 10 A <b>FN</b> I <sub>N</sub> 10 A	Pin spacing 3.5 mm/0.138 in, black 250 V/2.5 kV/2   300 V, 10 A <b>A</b> I <sub>N</sub> 10 A	DLUME 2
* 91	* 91	Ŋ
		-





ng, black, 4 in
4 in
4 in
T III
C 60286-3
(mm)
<b>405</b> 32
<b>405</b> 32
<b>405</b> 32
<b>405</b> 32
<b>407</b> 56
<b>407</b> 56
<b>407</b> 56
<b>407</b> 56



5

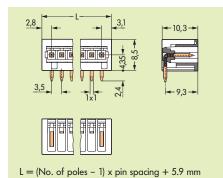
For use in reflow soldering processes in convection ovens based on EN 61760-1

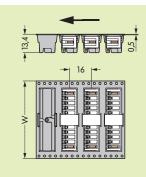
- apply solder paste
- place components on PCB
- begin reflow soldering process

#### Accessories (fit after soldering)



Dimensions Diameter of the plated through hole: 1.4 +0.1 mm – optimized for PCB thickness up to 2 mm







Position with even numbers of poles



Position with odd

numbers of poles



## MULTI CONNECTION SYSTEM **MIDI – Reflow Soldering** Headers with Solder Pins, Pin Spacing 5 mm/0.197 in

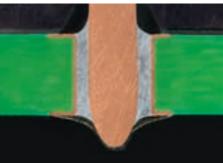
VOLUME 2	Pin spacing 5 mm/0.197 in, black 250 V/4 kV/3   300 V, 10 A 53 I <sub>N</sub> 12 A   *	Pin spacing 5 mm/0.197 in, black           250 V/4 kV/3         300 V, 10 A %           I <sub>N</sub> 12 A         300 V, 10 A %	
		AND	



7

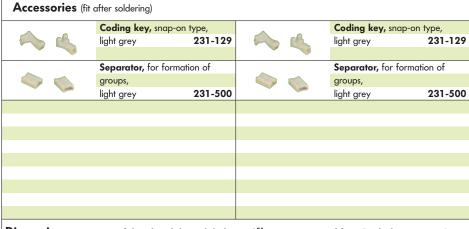


No. of poles	ltem No.	No. of Item Widt poles No. reel (	
Headers v	<b>vith solder pins,</b> black,	Headers with solder pins, black,	
straight sole	der pin 1 mm x 1 mm,	straight solder pin 1 mm x 1 mm,	
length of s	solder pin 2.4 mm/0.094 in	length of solder pin 2.4 mm/0.094 in	
		Headers in tape on reel acc. to IEC 60286-3	
		Reel diameter 330 mm / 13 in (r	nm)
2	231-132/001-000/105-604	2 231-132/001-000/105-604/997-405	32
3	231-133/001-000/105-604	3 <b>231-133/001-000/105-604/997-405</b>	32
4	231-134/001-000/105-604	4 231-134/001-000/105-604/997-407	50
5	231-135/001-000/105-604	5 <b>231-135/001-000/105-604/997-407</b>	50
6	231-136/001-000/105-604	6 <b>231-136/001-000/105-604/997-407</b>	50
8	231-138/001-000/105-604	8 231-138/001-000/105-604/997-407	50
10	231-140/001-000/105-604	10 231-140/001-000/105-604/997-409	88
12	231-142/001-000/105-604	12 231-142/001-000/105-604/997-409	88
		170 pieces per reel	
Accesso	ries (fit after soldering)		
•	Coding key, snap-on type,	Coding key, snap-on type,	

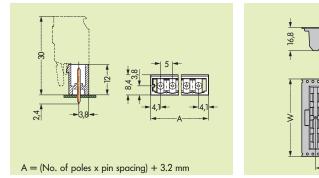


For use in reflow soldering processes in convection ovens based on EN 61760-1

- apply solder paste
- place components on PCB
- begin reflow soldering process



Dimensions Diameter of the plated through hole: 1.4 +0.1 mm – optimized for PCB thickness up to 2 mm



\* Further approvals with corresponding ratings can be found at www.wago.com

Downloaded from Arrow.com.

-20

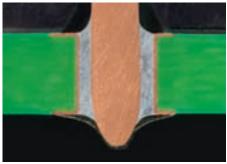
<u>Note:</u> These connectors can only be mated and unmated at voltages below 42 V and in the "No load" condition.

For mating and unmating at low power values, please request data.

## MULTI CONNECTION SYSTEM **MIDI – Reflow Soldering** Headers with Solder Pins, Pin Spacing 5 mm/0.197 in

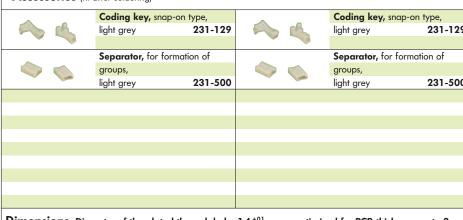
Pin spacing 5 mm/0.197 in, black           250 V/4 kV/3         300 V, 10 A %           I <sub>N</sub> 12 A	Pin spacing 5 mm/0.197 in, black 250 V/4 kV/3   300 V, 10 A <b>FA</b> I <sub>N</sub> 12 A	OLUME 2
* 91	* 91	VOLL
and the second		
No of Item	No of Item Width of	1

No. of Item poles No.		No. of poles	ltem No.			Width reel (V	
Headers with solder pins, black,			s with solde	<b>er pins,</b> bl	ack,		
right angle solder pin 1 mm x 1 mm	l,	right an	gle solder pir	1 mm x 1	mm,		
length of solder pin 2.4 mm/0.0	94 in	length	of solder pir	1 2.4 mm	/0.094 in		
		Header	s in tape on	reel acc.	to IEC 6028	86-3	
		Reel dia	meter 330 m	m / 13 in		(m	m)
2 <b>231-432/001-00</b>	0/105-604	2	231-432/00	01-000/1	05-604/997	-405	32
3 <b>231-433/001-00</b>	0/105-604	3	231-433/00	01-000/1	05-604/997	-405	32
4 231-434/001-00	0/105-604	4	231-434/00	01-000/1	05-604/997	-407	56
5 <b>231-435/001-00</b>	0/105-604	5	231-435/00	01-000/1	05-604/997	-407	56
6 <b>231-436/001-00</b>	0/105-604	6	231-436/00	01-000/1	05-604/997	-407	56
8 231-438/001-00	0/105-604	8	231-438/00	01-000/1	05-604/997	-407	56
10 <b>231-440/001-00</b>	0/105-604	10	231-440/00	01-000/1	05-604/997	-409	88
12 <b>231-442/001-00</b>	0/105-604	12	231-442/00	01-000/1	05-604/997	-409	88
		330 pie	ces per reel				
Accessories (fit after soldering)							
Coding key,	snap-on type,			Coding	<b>key,</b> snap-on	type,	
🦱 🔬 light grey	231-129			light grey	/	231-1	129
Separator, f	or formation of			Separate	<b>or,</b> for format	ion of	
groups,				groups,			
light grey	231-500	-	1000	light grey	,	231-	500

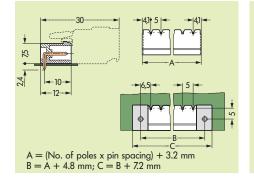


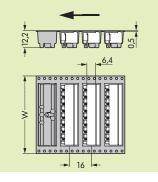
For use in reflow soldering processes in convection ovens based on EN 61760-1

- apply solder paste
- place components on PCB
- begin reflow soldering process



Dimensions Diameter of the plated through hole: 1.4 +0.1 mm – optimized for PCB thickness up to 2 mm











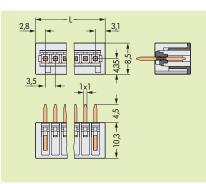
Position with odd numbers of poles

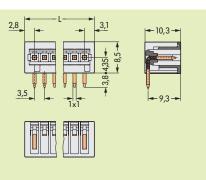
## 5 MULTI CONNECTION SYSTEM MINI – Extension of Pole Number Connectors, 100 % Protected against Mismating Pin Spacing 3.5 mm see also Full Line Catalog W4 Volume 2, pages 5.4 – 5.9





No. of Item poles No.	No. of Item poles No.	
Headers with solder pins,	Headers with solder pins,	
straight solder pin 1 mm x 1 mm	right angle solder pin 1 mm x 1 mm	
14 <b>734-144</b>	14 <b>734-174</b>	



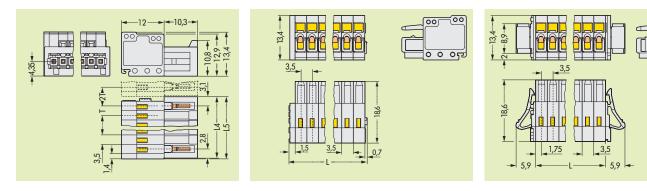








No. of poles	ltem No.	No. of poles	ltem No.	No. of poles	ltem No.	
Male connector with CAGE CLAMP <sup>®</sup> connection		Femal connector with CAGE CLAMP <sup>®</sup> connection,		Femal connector with CAGE CLAMP <sup>®</sup> connection		
		coding fingers		and locking	device, coding fingers	
14	734-314	14	734-114	14	734-114/037-000	



## MULTI CONNECTION SYSTEM MINI Combi Strip, 100 % Protected against Mismating, Pin Spacing 3.5 mm / 0.138 in

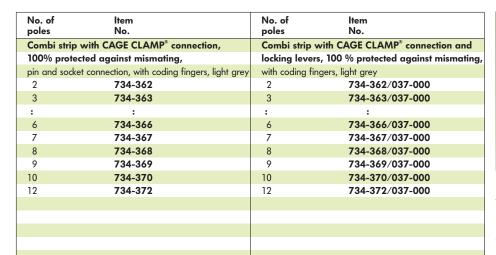


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Pin spacing 3.5 mm/0.138 in, light grey           0.08 - 1.5 mm²           250 V/2.5 kV/2           I <sub>N</sub> 10 A	Pin spacing 3.5 mm/0.138 in, light grey           0.08 – 1.5 mm²           250 V/2.5 kV/2           I <sub>N</sub> 10 A	ME 2
₹ 7 mm / 0.28 in * ¶1		VOLU







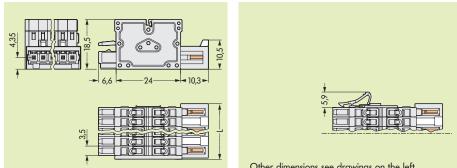


### Combi strip

The combination of pin and socket connections allows the assembly of many combi strips. 2 CAGE CLAMP<sup>®</sup> connections allow the looping through of potentials .

### Accessories Marker cards, Marker cards, 80 self-adhesive 80 self-adhesive strips per card strips per card 11/11/11/11 11/11/11/16 Marking Marking 1 - 16 (240x) 210-332/0350-0202 1 - 16 (240x) 210-332/0350-0202 210-332/0350-0204 17 - 32 (240x) 210-332/0350-0204 17 - 32 (240x) For further printings see W4 Volume 2, Section 11 For further printings see W4 Volume 2, Section 11 For direct printing please contact factory For direct printing please contact factory Screwdriver, (2.5 x 0.4) mm Screwdriver, (2.5 x 0.4) mm (0.098 x 0.016) in (0.098 x 0.016) in 210-619 210-619 Coding key, snap-on type, Coding key, snap-on type, light grey light grey 734-130 734-130

Dimensions (in mm)  $L_4 = (No. of poles -1) \times pin spacing + 5.9 mm + 0.45 mm$ 



\* Approvals with corresponding ratings see www.wago.com \*\* AWG 14: THHN, THWN

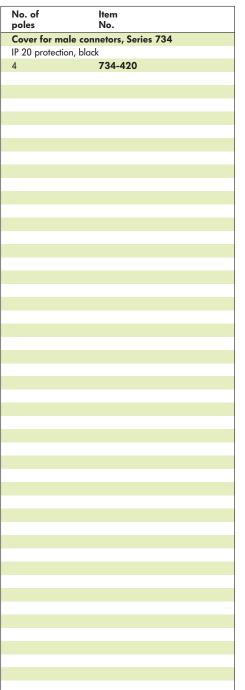
Other dimensions see drawings on the left

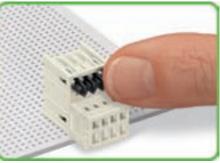


## MULTI CONNECTION SYSTEM **MINI IP 20 Protection using Cover for Male Connectors, Pin Spacings 3.5 mm/0.138 in / 3.81 mm/0.15 in**

Pin spacings 3.5 mm/0.138 in / 3.81 mm/0.15 in, black

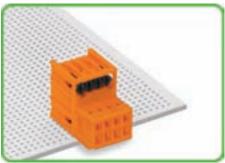








Insert the cover into the male connector to be protected



The cover is flush with the front edge of the male connector



Cut the cover to the required number of poles without singularization.



Pull out the cover using a suitable tool

## MULTI CONNECTION SYSTEM **MINI** and **MIDI** Connection Tool

Connection tool for pin spacings 3.5 mm/0.138 in and 3.81 mm/0.15 in	Connection tool for pin spacings 5 mm/0.197 in and 5.08 mm/0.2 in and 7.5 mm/0.295 in and 7.62 mm/0.3 in	VOLUME 2





	ltem No.	Item No.
Connection	lool	Connection tool
for male and	d female connectors	for male and female connectors
with CAGE	CLAMP <sup>®</sup> connection,	with CAGE CLAMP <sup>®</sup> connection,
Series 734		Series 231, 232, 721, 722, 723, 731, 732
black	734-231	natural <b>231-159</b>

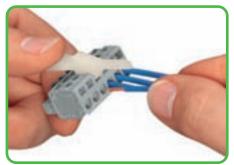




Wire connection Wire entry and operation of the clamp are parallel to each other Wire connection Wire entry and operation of the clamp are parallel to each other



Wire connection Wire entry and operation of the clamp is done at a right angle to each other



Wire connection Wire entry and operation of the clamp is done at a right angle to each other



## 5 MULTI CONNECTION SYSTEM MINI Female Connectors with Solder Pins, 100 % Protected against Mismating Pin Spacing 3.5 mm/0.138 in

JME 2	Pin spacing 3.5 mm/0.138 in, light grey 250 V/2.5 kV/2   300 V, 10 A N I <sub>N</sub> 10 A	Pin spacing 3.5 mm/0.138 in, light grey           250 V/2.5 kV/2         300 V, 10 A N           I <sub>N</sub> 10 A	Female connectors with solder pins and locking device
VOLI	<i>IR</i> *	<i>1</i> 9 *	<i>L</i> P *





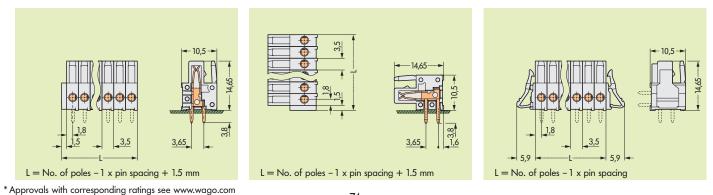


No. of poles	ltem No.	No. of poles	ltem No.		Additional item No. for
Female connector	s with straight solder pins,	Female connector	s with right angle solder pins,	Female connec	ctors with straight or right angle
100 % protected	100 % protected against mismating,		against mismating,	solder pins and <b>lo</b>	cking device
with coding fingers,	with two latches, light grey,	with coding fingers,	with two latches, light grey,		
solder pin 0.9 mm >	« 0.9 mm	solder pin 0.9 mm x	« 0.9 mm		
2 (one latch only)	734-462	2 (one latch only)	734-532		/037-000
3	734-463	3	734-533		
:	:	:	:		
6	734-466	6	734-536		
:	:	:	:	Ordering example	
10	734-470	10	734-540	Female connector	with straight solder pins
12	734-472	12	734-542	and locking device	÷,
:	:	:	:	100 % protected a	gainst mismating,
14	734-474	14	734-544	pin spacing 3.5 mr	n/0.138 in, light grey,
16	734-476	16	734-546	12-pole	734-472/037-000
18	734-478	18	734-548	-	
20	734-480	20	734-550		
24	734-484	24	734-554		

### Accessories

Marker cards,		Marker cards,		Marker cards,	
	80 self-adhesive strips		80 self-adhesive strips		80 self-adhesive strips
atelete .	per card	statete .	per card	ateleter	per card
10/11/11/10		10/11/11/10/		10/11/11/11/11	
Marking		Marking		Marking	
1 – 16 (240 x)	210-332/0350-0202	1 – 16 (240 x)	210-332/0350-0202	1 – 16 (240 x)	210-332/0350-0202
17 – 32 (240 x)	210-332/0350-0204	17 – 32 (240 x)	210-332/0350-0204	17 – 32 (240 x)	210-332/0350-0204
other markings		other markings		other markings	
see Full Line Catalog	g W4 Volume 2, Section 11	see Full Line Catalog	W4 Volume 2, Section 11	see Full Line Catalo	g W4 Volume 2, Section 11
For direct printing, p	blease contact factory	For direct printing, pl	lease contact factory	For direct printing, p	please contact factory
Dimensions "					





## MULTI CONNECTION SYSTEM **MINI** Female Connectors with Solder Pins, 100 % Protected against Mismating Pin Spacing 3.81 mm/0.15 in

Pin spacing 3.81 mm/0.15 in, orange 250 V/2.5 kV/2   300 V, 10 A <b>FA</b> I <sub>N</sub> 10 A	Pin spacing 3.81 mm/0.15 in, orange 250 V/2.5 kV/2   300 V, 10 A <b>A</b> I <sub>N</sub> 10 A	Female connectors with solder pins and locking device	-UME 2
<i>₩</i>	* 91	* 91	No No







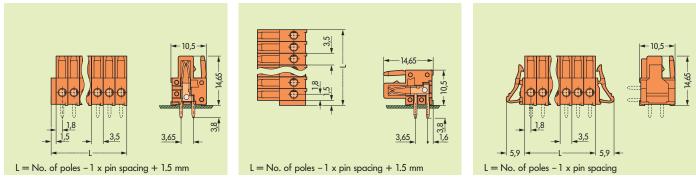
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No. of poles	ltem No.	No. of poles	ltem No.		Additional item No. for
Female connector	s with straight solder pins,	Female connectors	with right angle solder pins,	Female connect	ors with straight or right angle
100 % protected a	against mismating,	100 % protected a	gainst mismating,	solder pins and <b>loc</b>	king device
with coding fingers,	with two latches, light grey,	with coding fingers,	with two latches, light grey,		
solder pin 0.9 mm >	c 0.9 mm	solder pin 0.9 mm x	0.9 mm		
2 (one latch only)	734-502	2 (one latch only)	734-562		/037-000
3	734-503	3	734-563		
4	734-504	4	734-564		
5	734-505	5	734-565		
6	734-506	6	734-566	Ordering example:	
7	734-507	7	734-567	Female connector v	vith straight solder pins
8	734-508	8	734-568	and locking device,	
9	734-509	9	734-569	100 % protected ag	jainst mismating,
10	734-510	10	734-570	pin spacing 3.81 m	m/0.15 in, light grey,
12	734-512	12	734-572	8-pole	734-568/037-000
14	734-514	14	734-574		
16	734-516	16	734-576		
20	734-520	20	734-580		

### Accessories

Marker cards,		Marker cards,		Marker cards,	
	80 self-adhesive strips		80 self-adhesive strips		80 self-adhesive strips
steleter .	per card	algebra .	per card	steleter .	per card
10100000		10/00/00/00		10/11/11/10/	
Marking		Marking		Marking	
1 – 16 (240 x)	210-332/0381-0202	1 – 16 (240 x)	210-332/0381-0202	1 – 16 (240 x)	210-332/0381-0202
17 – 32 (240 x)	210-332/0381-0204	17 – 32 (240 x)	210-332/0381-0204	17 – 32 (240 x)	210-332/0381-0204
other markings		other markings		other markings	
see Full Line Catalog	g W4 Volume 2, Section 11	see Full Line Catalog	g W4 Volume 2, Section 11	see Full Line Catalo	og W4 Volume 2, Section 11
For direct printing, p	please contact factory	For direct printing, p	olease contact factory	For direct printing,	please contact factory







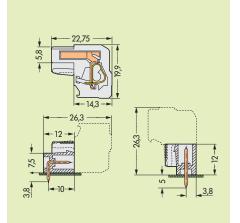
## 6 MULTI CONNECTION SYSTEM MIDI Angled Female Connectors, 100 % Protected against Mismating, <u>CAGE CLAMP</u> Pin Spacing 5 mm/0.197 in

ME 2	0.08 – 2.5 mm <sup>2</sup>	n/0.197 in, light grey AWG 28 – 12** 300 V, 15 A <b>9</b> 300 V, 15 A ®	Pin spacing 5 mr 0.08 – 2.5 mm <sup>2</sup> 250 V/4 kV/3 I <sub>N</sub> 14 A	n/ <b>0.197 in,</b> light grey AWG 28 – 12** 300 V, 15 A <b>N</b> 300 V, 15 A ®	
<b>PLU</b>	🔙 🔤 8 – 9 mm	n / <b>0.33 in</b>	🔚 🖉 8 – 9 mm	n / 0.33 in	
9	* 71 @		* 90 @		





No. of poles	ltem No.	No. of poles	ltem No.	
Angled female con	nnectors with CAGE CLAMP <sup>®</sup>	Angled female cor	nnectors with CAGE CLAMP®	
connection, 100 %	connection, 100 % protected against mismating,		protected against mismating,	
conductor exit same	direction as latches, with coding	conductor exit same	direction as latches, with coding	
fingers, with 2 latche	s,	fingers, with 2 latche	s,	
light grey		light grey		
2 (one latch only)	722-202/026-000	2 (one latch only)	722-102/026-000	
3	722-203/026-000	3	722-103/026-000	
4	722-204/026-000	4	722-104/026-000	
5	722-205/026-000	5	722-105/026-000	
6	722-206/026-000	6	722-106/026-000	
:	:	:	:	
10	722-210/026-000	10	722-110/026-000	
12	722-212/026-000	12	722-112/026-000	
14	722-214/026-000	14	722-114/026-000	
16	722-216/026-000	16	722-116/026-000	
20	722-220/026-000	20	722-120/026-000	
Accessories				
	Test plug, w. cable 500 mm/1'7.7"		Test plug, w. cable 500 mm/1'7.7"	7"
	Ø 2 mm/0.079 in, red <b>210-136</b>		Ø 2 mm/0.079 in, red <b>210-136</b>	36
-	Ø 2.3 mm/0.091 in, yel. <b>210-137</b>	· /	Ø 2.3 mm/0.091 in, yel. <b>210-137</b>	37
	Insulation stop, 5 pcs/strip		Insulation stop, 5 pcs/strip	
	0.08 - 0.2 mm <sup>2</sup> (white) 231-670		0.08 - 0.2 mm <sup>2</sup> (white) 231-670	
	0.25 - 0.5 mm²(light gr.) 231-671		0.25 - 0.5 mm²(light gr.) 231-671	1
	0.75 - 1 mm <sup>2</sup> (dark grey) <b>231-672</b>	Week	0.75 - 1 mm² (dark grey) <b>231-672</b>	2
Free		6000		
<b>V·</b>	<b>2</b> 0.2 mm <sup>2</sup> solid / 0.14 mm <sup>2</sup> f-st	••	<b>2</b> 0.2 mm <sup>2</sup> solid / 0.14 mm <sup>2</sup> f-st	
Dimensions (in	mm)			



L = (No. of poles x pin spacing) + 1.5 mm + 0.9 mm

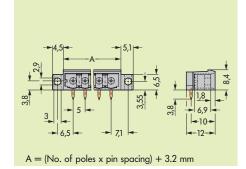
\* Approvals with corresponding ratings see www.wago.com \*\* AWG 12: THHN, THWN

## MULTI CONNECTION SYSTEM MIDI – Extension of Pole Number Connectors with Right Angle Solder Pins Pin Spacing 5 mm/0.197 in see also Full Line Catalog W4 Volume 2, page 7.15

	Pin spacing 5 mm/ 250 V/4 kV/3 I <sub>N</sub> 12 A <b>O</b> / I <sub>N</sub> 16 A @	∕ <b>0.197 in,</b> light grey   300 V, 10 A <b>0 9\</b>   300 V, 15 A <b>@ 9\</b> 		JME 2
*	<b>FL @</b> (CA 📀 🦁 GL LR 🖲 🛦 ABS			VOLL



No. of poles	ltem No.	ltem No.
leaders	with right angle sol	der pins
and fixin	<b>g flanges,</b> grey,	
	1 mm x 1 mm 🚺	1.2 mm x 1.2 mm 2
3	231-433/040-000	231-463/040-000
Female co	onnectors with locking	devices cannot be used.
	Coding	<b>(ey,</b> snap-on type,
	light grey	
	Separato	<b>or,</b> for formation of
	groups, li	

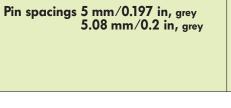




7

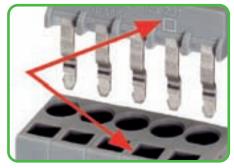
## MULTI CONNECTION SYSTEM **MIDI** Comb type jumper bars Pin Spacings 5 mm / 0.197 in and 5.08 / 0.2 in

7



ltem

Pack.-unit





Attention! Insert jumper bar according to direction symbols. Symbol shows direction to operating slot Symbol shows direction to conductor entry

Comb type jumper bars, insulated for straight and angled male and female connectors of Series 231 with CAGE CLAMP® connection
for straight and angled male and female connectors of Series 231
of Series 231
Suitable for pin spacings 5 mm/0.197 in and
5.08 mm/0.2 in
Attention!
Not suitable for 2-conductor female connectors with
CAGE CLAMP <sup>®</sup> S connection
3-way <b>231-903</b>
5-way <b>231-905</b>
•
10-way <b>231-910</b>
Accessories
Operating tool, insulated,
3-way <b>280-433</b> 1
5-way <b>280-433</b> 1



Insert comb type jumper bars with maximum 5 contacts using operating tool. Comb type jumper bars with more than 7 contacts are pre-assembled by WAGO



Individual comb type jumper bars are created by breaking out jumper contacts

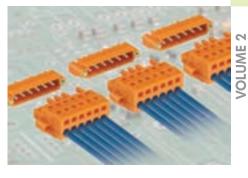


Note: The maximum wire size is reduced to 1.5  $\rm mm^{2}/$  AWG 16 solid and stranded ("s" + "f-st")

## MULTI CONNECTION SYSTEM **MIDI** – **Extension of Pole Number Connectors with Screw/Threaded flanges Pin Spacing 5.08 mm / 0.2 in** see also Full Line Catalog W4 Volume 2, pages 7.32 – 7.33

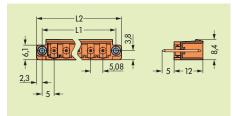


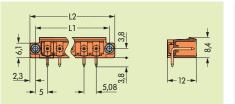




7

No. of poles	ltem No.	No. of poles	ltem No.	
Headers	with straight solder pins and threaded	Headers wi	th right angle solder pins and threaded	
flanges, c	orange, solder pin 1 mm x 1 mm	flanges, ora	nge, solder pin 1 mm x 1 mm	
7	231-337/108-000	7	231-537/108-000	
:	:	:	:	
10	231-340/108-000	10	231-540/108-000	
12	231-342/108-000	12	231-542/108-000	
14	231-344/108-000	14	231-544/108-000	
:	:	:	:	
16	231-346/108-000	16	231-546/108-000	





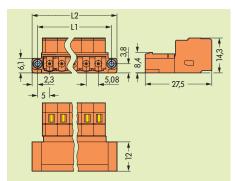
Pin spacing 5.0 0.2 – 2.5 mm <sup>2</sup> 250 V/4 kV/3 I <sub>N</sub> 16 A	8 mm/0.2 in, orange AWG 24 – 12 300 V, 20/5 A <b>N</b>
د 🕬 9 – 10 m	nm / 0.37 in

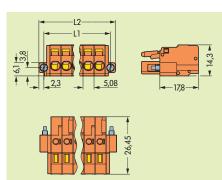


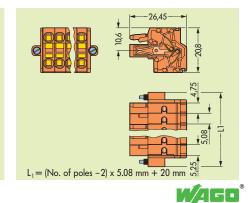




No. of poles	ltem No.	No. of poles	ltem No.	No. of poles	ltem No.	
Male conne	ectors with CAGE CLAMP <sup>®</sup> and	Female con	nectors with CAGE CLAMP <sup>®</sup> and	2-conductor fem	ale connectors with CAGE	
threaded fl	anges, orange	screw flang	screw flanges, with coding fingers, with two latches,		CLAMP <sup>®</sup> and screw flanges, with coding fingers,	
		orange		with two latches, o	range	
7	231-637/109-000	7	231-307/107-000	2 (only 1 latch)	231-2302/107-000	
:	:	:	:	3 (only 1 latch)	231-2303/107-000	
10	231-640/109-000	10	231-310/107-000	4	231-2304/107-000	
12	231-642/109-000	12	231-312/107-000	:	:	
14	231-644/109-000	14	231-314/107-000	10	231-2310/107-000	
:	:	:	:	:	:	
16	231-646/109-000	16	231-316/107-000	16	231-2316/107-000	







# MULTI CONNECTION SYSTEM MIDIStrain relief plates for 2-Conductor Female ConnectorsPin Spacings 5 mm/0.197 in; 5.08 mm/0.2 in; 7.5 mm/0.295 in and 7.62 mm/0.3 in

Description	Width	Additional item No.
Strain relief plate, fied	6 mm	/132-000
	12.5 mm	/133-000
	25 mm	/134-000
	35 mm	/135-000
	55 mm	/136-000
	75 mm	/137-000

Ordering examples for for 2-conductor female connectors with CAGE CLAMP®S connection and **strain relief plates** 

2-conductor female connectors with CAGE CLAMP®S connection can be fitted with a strain relief plate retrospectively or directly at the factory. Plates are available in 6 different sizes. An "additional item no.", referring to the width of the strain relief plate, is added to the "basic item no." and determines the type of connector (see ordering examples).

The arrangement of the fixing holes for cable ties allow single conductors or multicore cables to be attached in several different orientations.

### **Application notes**

**Dimensions** (in mm)

Strain relief plate			female conn. ra	Cable ties*			
Item No.	Color	Width	Pin spacings 5 mm/5.08 mm	Pin spacings 7.50 mm/7.62 mm	Width	Туре	MIL
734-127 734-327 734-227	light grey grey orange	6 mm	2 poles		2.5 mm	T 18 R	
734-128 734-328 734-228	light grey grey orange	12.5 mm	3 – 4 poles	2 – 3 poles	2.5 mm	T 18 R	
734-129 734-329 734-229	light grey grey orange	25 mm	5 – 7 poles	4 – 6 poles	2.5 mm 3.6 mm	T 18 R T 30 R	3367
734-126 734-326 734-226	light grey grey orange	35 mm	8 – 11 poles	7 – 9 poles	2.5 mm 3.6 mm	T 18 R T 30 R	MS 3
734-426 734-430 734-428	light grey grey orange	<b>0</b> 55 mm	12 - 16 poles	10 – 12 poles	2.5 mm 3.6 mm 4.0 mm 4.7 mm	T 18 R T 30 R T 40 R T 50 R	
734-427 734-431 734-429	light grey grey orange	<b>2</b> 75 mm	17 - 24 poles	13 – 16 poles	2.5 mm 3.6 mm 4.0 mm 4.7 mm	T 18 R T 30 R T 40 R T 50 R	
* Cable binding tool MK III Item No.							



Female connector, pin spacing 5 mm/0.197 in, grey 8 poles, with strain relief plate 231-2108/026-000/135-000



## 

\*Recommended cable ties and cable binding tool from Tyton or Hellermann, not offered by WAGO

### 80



## MULTI CONNECTION SYSTEM MAXI Headers with Solder Pins, 100 % Protected against Mismating, Pin Spacing 7.62 mm / 0.3 in

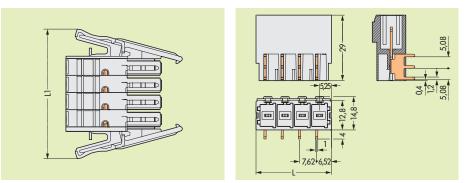
Pin spacing 7.62 mm/0.3 in, light grey           500 V/6 kV/3         300/600 V, 42/5 A 50           I <sub>N</sub> 41 A         300/600 V, 50/5 A 6	Pin spacing 7.62 mm/0.3 in, light grey           500 V/6 kV/3         300/600 V, 42/5 A FA           I <sub>N</sub> 41 A         300/600 V, 50/5 A @		/OLUME 2
* 91 @	* 91 @		VOLI
		i → 56,5 mm/2.22 in → 1	
No. of Item poles No.	No. of Item poles No.		

poles	No.	poles	No.	
Headers with st	raight solder pins,	Headers with rig	ht angle solder pins,	
	against mismating,		against mismating,	
light grey,		light grey,		
3 x solder pins	1 mm x 1.2 mm	3 x solder pins	1 mm x 1.2 mm	
				ar for for her h
2	831-3602	2	831-3622	
3	831-3603	3	831-3623	
4	831-3604	4	831-3624	the second se
5	831-3605	5	831-3625	
6	831-3606	6	831-3626	
7	831-3607	7	831-3627	Break or cut-off coding pin on the female connector
8	831-3608	8	831-3628	
Note:				
	ers with straight solder pins are also			
	tection against positioning error on			
the PCB				
				L date
				Ullin (
				Fit the coding pin into the connector (break first) so
				that the pin engages



Printed female connector on request

### Dimensions (in mm) Diameter of drilled hole: 1.7 <sup>+0.1</sup>mm L = (No. of poles - 1) x pin spacing + 10.5 mm



\* Further approvals with corresponding ratings can be found at www.wago.com



## MULTI CONNECTION SYSTEM MAXI Male Connectors, 100 % Protected against Mismating, Pin Spacing 7.62 mm / 0.3 in



VOLUME 2	Pin spacing 7.62 mm/0.3 in, light grey           0.5 - 6 (10) mm <sup>2</sup> AWG 20 - 8           800 V/8 kV/3         300/600 V, 42/5 A 74           I <sub>N</sub> 41 A         300/600 V, 50/5 A @	Pin spacing 7.62 mm/0.3 in, light grey         0.5 - 6 (10) mm <sup>2</sup> (10) mm <sup>2</sup> (10) AWG 20 - 8         800 V/8 kV/3         I <sub>N</sub> 41 A         300/600 V, 42/5 A (10) 400 V, 50/5 A (10)         * FM (10)	
			can be connected: 0.5 mm <sup>2</sup> - 10 mm <sup>2</sup> "s + f-st"; can be pushed in directly: 1.5 mm <sup>2</sup> - 10 mm <sup>2</sup> "s" and 1.5 mm <sup>2</sup> - 6 mm <sup>2</sup> "insulated ferrule, 12 mm/0.472 in"

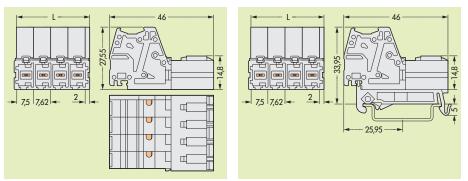
No. of Item poles No.	No. of Item poles No.	
Male connectors with CAGE CLAMP®S connection	, Male connectors with CAGE CLAMP <sup>®</sup> S conne	ection,
100 % protected against mismating,	for DIN 35 rail mounting	
with coding fingers, light grey	100 % protected against mismating,	
	with coding fingers, light grey	
2 831-3202	2 <b>831-3202/007-000</b>	
3 <b>831-3203</b>	3 831-3203/007-000	
4 <b>831-3204</b>	4 <b>831-3204/007-000</b>	
5 831-3205	5 831-3205/007-000	
6 <b>831-3206</b>	6 <b>831-3206/007-000</b>	
7 831-3207	7 <b>831-3207/007-000</b>	
8 831-3208	8 831-3208/007-000	

Accossorios	
Accessories	

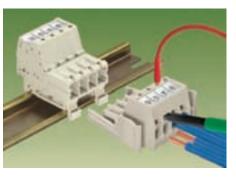
Downloaded from Arrow.com.

Test plug, with ca	ble 500 mm/	1'7.7"	Test plug, with ca	ble 500 mm/	1'7.7''		
	Ø 2 mm.	/0.079 in, red		Ø 2 mm/0.079 in, red			
	210-13	5		210-136	5		
Marker card,	80 self-a	dhesive strips per card	Marker card,	80 self-ad	dhesive strips per card		
	Height of	f marker strip		Height of	marker strip		
atalata a	5 mm / 0.197 in		statet	5 mm / 0.197 in			
10111111111	Marking		10000000	Marking			
1 – 16 (100 x)	210-334	4/0762-0202	1 – 16 (100 x)	210-334	/0762-0202		
For direct printing, please contact factory			For direct printing, please contact factory				
Marker strip, whi	ite, plain, on	roll	Marker strip, whi	ite, plain, on r	oll		
	for cente	r marking		for center	r marking		
	11 mm/(	0.039 in wide		11 mm / 0.039 in wide			
	50 m	2009-110		50 m	2009-110		
	300 m	2009-130		300 m	2009-130		
DIN 35 carrier re	ail adapter,	for snap-fit mounting	Screwdriver with	n partially in	sulated shaft,		
12	to male o	connectors with		(5.5 x 0.8	) mm/(0.217 x 0.031) in		
	CAGE C	LAMP <sup>®</sup> S connection		210-621			
	831-13	7					

**Dimensions** (in mm) L = (No. of poles - 1) x pin spacing + 9.5 mm



\* Further approvals with corresponding ratings can be found at www.wago.com

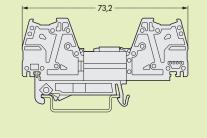


The new WAGO MULTI CONNECTION SYSTEM MAXI can be used as "high-power" sub-assemblies on carrier rails or printed circuit boards in such applications like drive technology, converters or power supply units.

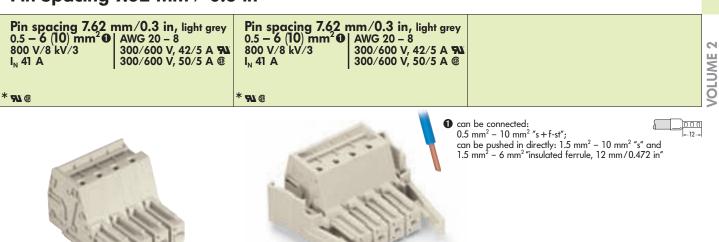
Equipped with CAGE CLAMP<sup>®</sup> S connection up to AWG 10/ AWG 8 (6 mm<sup>2</sup>/10 mm<sup>2</sup>) ①, it handles a rated current of 41 A and has a pin spacing of 7.62 mm/0.3 in, which makes it ideally suited for such applications.

### **Product features**

- 100 % protected against mismating
- Coding without the loss of poles
- Male and female connectors with CAGE CLAMP<sup>®</sup>S connection for all conductor types Additional benefit: Time-saving push-in wiring of fine-stranded wires with ferrules
- Vibration proof fast maintenance free
- Male and female connectors with separate test • slot for test plugs Ø 2.3 mm/0.091 in
- Pole marking using marker strips or direct printing

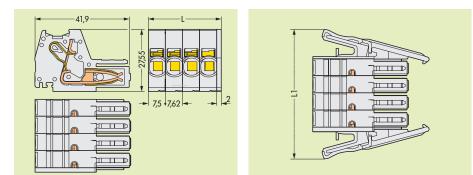


## MULTI CONNECTION SYSTEM **MAXI** Female Connectors, 100 % Protected against Mismating, Pin Spacing 7.62 mm / 0.3 in



CAGE CLAMP<sup>®</sup>S

No. of poles	ltem No.	No. of poles	ltem No.	
Female connecto	ors with CAGE CLAMP <sup>®</sup> S connection,	Female connecto	ors with CAGE	CLAMP <sup>®</sup> S connection
100 % protected	d against mismating,	and locking dev	/ice,	
with coding finger	rs, light grey	100 % protected	d against mis	mating,
		with coding finge	rs, light grey	
2	831-3102	2	831-310	2/037-000
3	831-3103	3	831-310	3/037-000
4	831-3104	4	831-310	4/037-000
5	831-3105	5	831-310	5/037-000
6	831-3106	6		6/037-000
7	831-3107	7		7/037-000
8	831-3108	8	831-310	8/037-000
Accessories				
Test plug, with co	able 500 mm/1'7.7"	Test plug, with co	able 500 mm/1	'7.7''
	2 mm/0.079 in Ø, red			79 in Ø, red
	210-136		210-136	
Marker card,		Marker card,		
	80 self-adhesive strips per card			hesive strips per card
Helefoles .	Height of marker strip 5 mm/0197 in	Helefolses .	Ū	marker strip 5 mm/0197 in
AULUUUUUU	Marking		Marking	
1 – 16 (100 x)	210-334/0762-0202	1 – 16 (100 x)		/0762-0202
	, please contact factory	For direct printing		,
Marker strip, wh		Marker strip, wh		
	for center marking		for center	U
	11 mm / 0.039 in wide			.039 in wide
	50 m <b>2009-110</b>		50 m	2009-110
	300 m <b>2009-130</b>		300 m	2009-130
		<b>.</b>		
Screwdriver wit	h partially insulated shaft,	Screwdriver wit		
	(5.5 x 0.8) mm / (0.217 x 0.031) in			mm / (0.217 x 0.031) in
	210-621		210-621	





## **Operating Tools**





ltem No.	Packunit pcs	ltem No.	Packunit pcs
Short screwdriver, with partially	insulated shaft,	TOPJOB <sup>®</sup> tool with partially insula	ed shaft,
blade 3.5 x 0.5 mm / 0.137 in x 0.020	0 in,	Special blades 3.5 mm/0.137 in and 5.5	mm/
suitable for series 260, 261, 262, 264	4, 280, 281, 869	0.217 in	
210-657	1	suitable for 2003 and 2005 Series multi	evel
		installation terminal blocks	
Short angled screwdriver,		2009-310	1
with partially insulated shaft,			
blade 3.5 x 0.5 mm / 0.137 in x 0.020	0 in,		
particularly suitable for actuator and	sensor terminal		
blocks of Series 280 and also for Se	ries 260, 261, 262,		
264, 280, 281, 869, 870, 880			
210-658	1		

### **Application notes**



The blade dimensions of the a.m. screwdrivers (DIN 5264) are particularly appropriate for easy operation of front-entry sensor and actuator terminal blocks of series 280.

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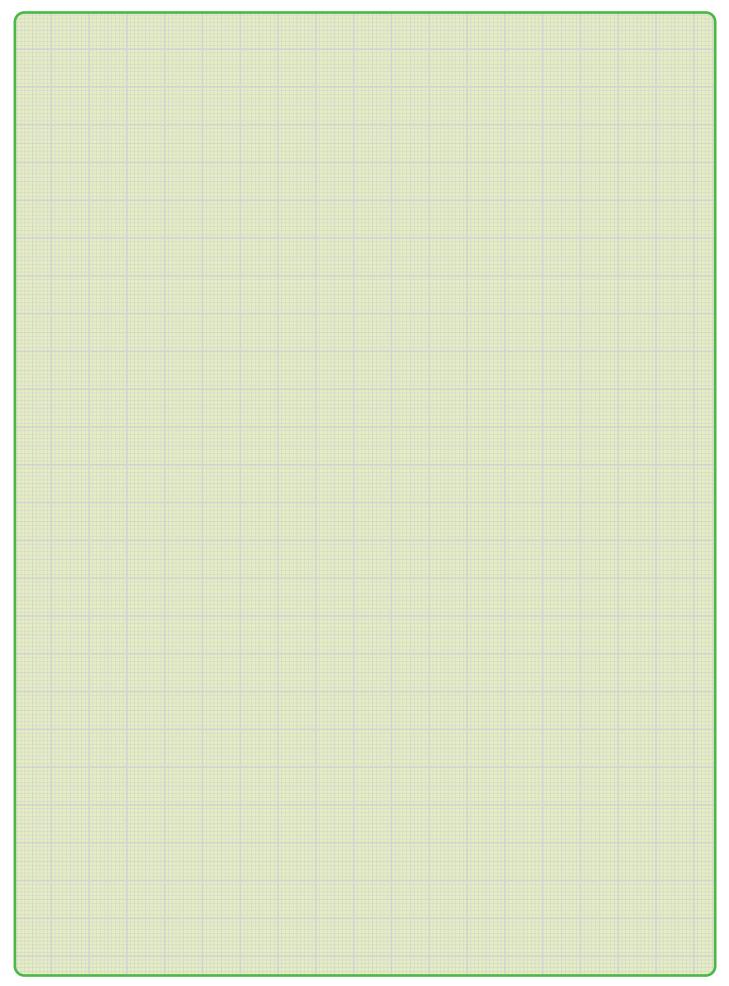
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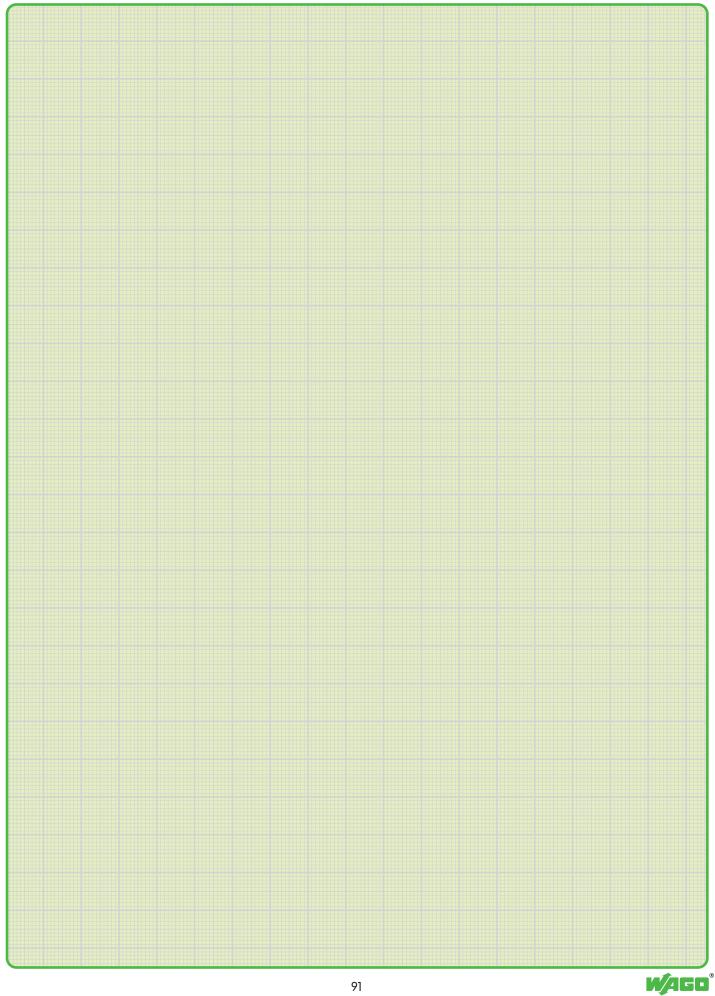
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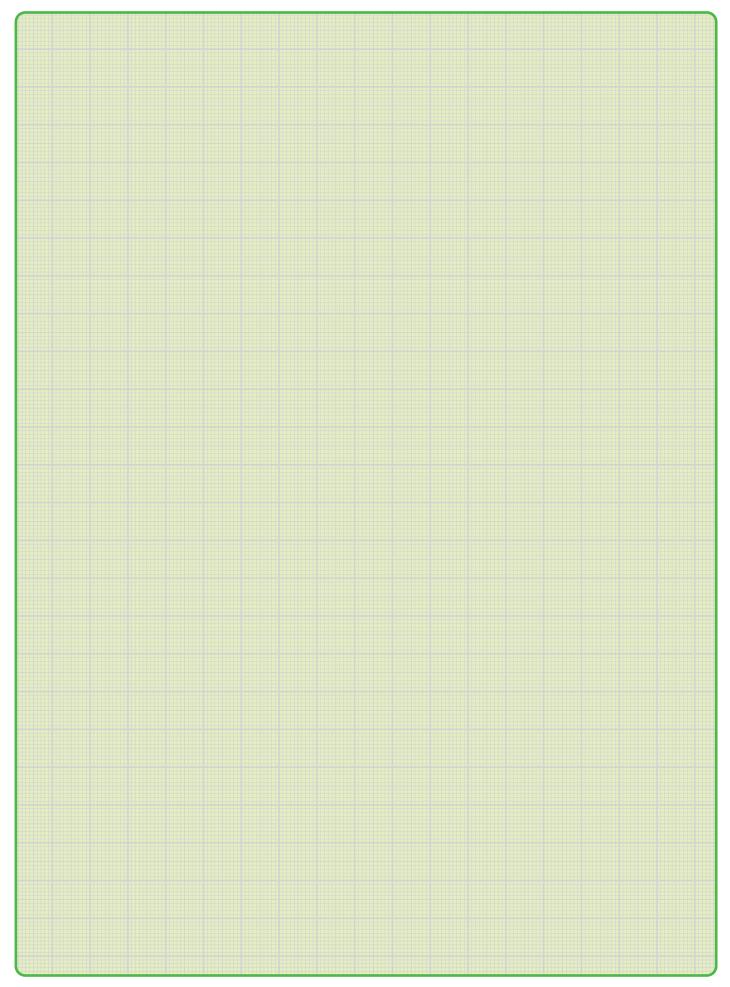


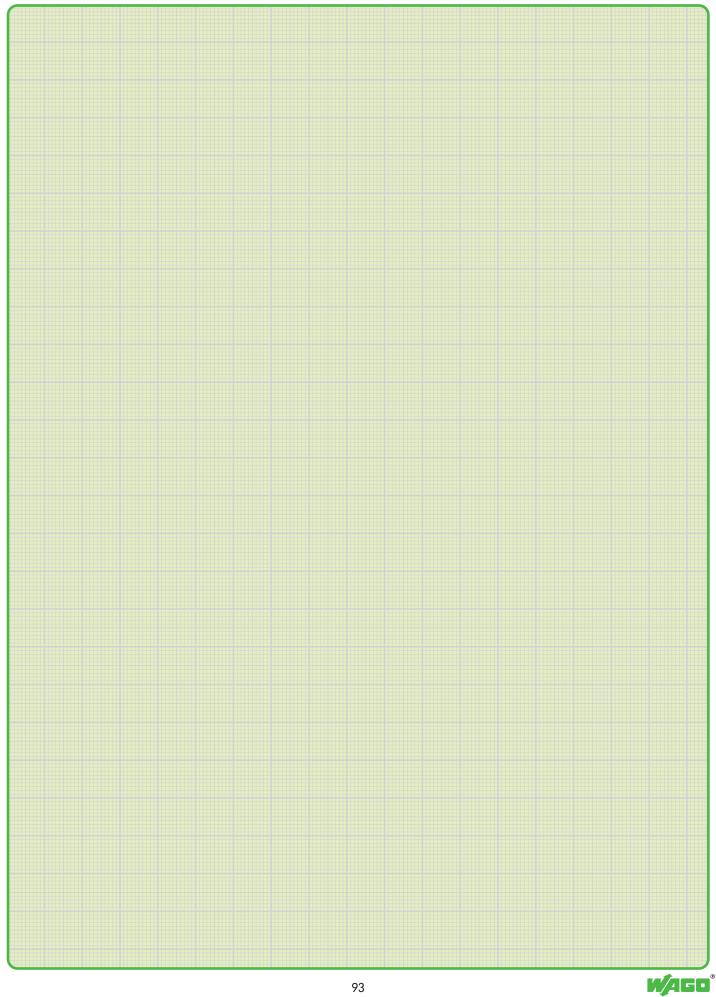
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2001-1292	19						
		2002-1311/1000-0410	20	2002-3211/1000-0411	24		
2001-1301	19	2002-1301/1000-0411	20	2002-3211/1000-0675	24	s : 0005	
2001-1311/1000-0410	19	2002-1321/1000-0413	20	2002-3211/1000-0676	24	Series 2005	
2001-1311/1000-0411	19	2002-1321/1000-0434	20	2002-3212/1000-0673	25	2005-7641	11
2001-1321/1000-0413	19	2002-1391	20	2002-3212/1000-0674	25	2005-7642	11
	19	2002-1392	20	2002-3221/1000-0413	25	2005-7645	11
2001-1321/1000-0434			20	2002-3221/1000-0434	25	2005-7646	11
2001-1391	19	2002-1401	20	2002-3217	23	2005-7649	11
2001-1392	19	2002-1411/1000-0410	20	2002-3217	7	2005-7692	11
						2003-7072	11
2001-1401	19	2002-1411/1000-0411	20	2002-3227	7		
2001-1411/1000-0410	19	2002-1421/1000-0413	20	2002-3228	7		
2001-1411/1000-0411	19	2002-1421/1000-0434	20	2002-3231	7		
2001-1421/1000-0413	19	2002-1441	2	2002-3233	7		
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2001-1441	2	2002-1492	2	2002-3237	7	2006-0405/0011-000	26
2001-1441	2			2002-3238	7	2006-7111	12
		2002-1601	16	2002-3239	7	2006-7114	12
		2002-1602	16	2002-3247	. 7	2006-7192	12
		2002-1604	16	2002-3248	7	2000-7172	12
		2002-1671			7		
Series 2002			16	2002-3257			
2002-0405/0011-000	26	2002-1672	16	2002-3258	7		
		2002-1674	16	2002-3291	7	c ·	
2002-115	2	2002-1691	16	2002-3292	7	Series 2009	
2002-121	6	2002-1692	16			2009-110	4
2002-131	7			2002-6301	3	2009-115	5
2002-171	, 3	2002-1801	17	2002-6302	3	2009-130	4
2002-172	3	2002-1802	17	2002-6304	3	2009-174	3
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2002-402	3	2002-1872	17	2002-6392	3	2009-191	27
2002-403	3	2002-1874	17	2002-0372	5	2009-192	27
2002-404	3	2002-1891	17	2002 ( 401	3		27
2002-405	3			2002-6401		2009-193	
2002-406	3	2002-1892	17	2002-6402	3	2009-196	27
2002-407	3			2002-6404	3		
2002-408	3	2002-2201	6	2002-6407	3	2009-304	11
2002-409	3	2002-2202	6			2009-305	11
2002-410	3	2002-2203	6	2002-7111	12	2009-310	84
2002-433	3	2002-2204	6	2002-7114	12		
2002-433 2002-434	3	2002-2207	6	2002-7192	12	2009-412	26
		2002-2208	6			2009-414	26
2002-435	3	2002-2209	6			2009-416	26
2002-436	3	2002-2211/1000-0410	22			2007 110	20
2002-437	3		22				
2002-438	3	2002-2211/1000-0411		Series 2003			
2002-439	3	2002-2213/1000-0487	23		10		
2002-440	3	2002-2213/1000-0488	23	2003-7641	10	C	
2002-472	10	2002-2214/1000-0489	23	2003-7642	10	Series 2010	
2002-473	10	2002-2214/1000-0490	23	2003-7645	10	2010-100	27
2002-473/0011-0000	10	2002-2214/1000-0491	22	2003-7646	10		
2002-473/0011-0000	10	2002-2214/1000-0492	22	2003-7649	10	2010-0405/0011-000	26
		2002-2217	6	2003-7692	10		
2002-475	10	2002-2227	6				
2002-475/0011-0000	10	2002-2221/1000-0413	23				
2002-476	10						
2002-477	10	2002-2221/1000-0434	23			Sarias 2014	
2002-477/0011-0000	10	2002-2231	6	C		Series 2016	-
2002-478	10	2002-2232	6	Series 2004		2016-100	27
2002-479	10	2002-2233	6	2004-402	11		
2002-479/0011-0000	10	2002-2234	6	2004-403	11	2016-0405/0011-000	26
		2002-2237	6	2004-404	11		
	10	2002-2238	6	2004-405	11	2016-1207	10
2002-480	10	2002-2239	6	2004-405	11	2010 1207	10
2002-480 2002-481			0	2004-400			
2002-480 2002-481 2002-481/0011-0000	10		,	2004 407		001/ 7111	
2002-480 2002-481 2002-481/0011-0000		2002-2247	6	2004-407	11	2016-7111	
2002-447 77 0011-0000 2002-481 2002-481/0011-0000 2002-482	10	2002-2247 2002-2257	6	2004-408	11	2016-7114	12
2002-480 2002-481 2002-481/0011-0000 2002-482	10 10	2002-2247		2004-408 2004-409			12
2002-480 2002-481 2002-481/0011-0000	10	2002-2247 2002-2257	6	2004-408	11	2016-7114	12 12 12

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