

Plug - GIC 2,5 HCV/10-ST-7,62 - 1745700

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Plug component, Nominal current: 16 A, Rated voltage (III/2): 1000 V, Number of positions: 10, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin




The illustration shows the 5-pos. version

Why buy this product

- ✓ Compact 7.62 mm pitch
- ✓ Unlimited 600 V UL approval
- ✓ Inverted GIC 2,5 HCV plugs with pin contacts for touch-proof device outputs (with GIC 2,5 HC/... -G) or free-hanging cable/cable connections (with GMSTB 2,5 HCV/... -ST)



Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 046356 309851
Weight per Piece (excluding packing)	20.41 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	68.58 mm

General

Range of articles	GIC 2,5 HCV/...-ST
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV

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Technical data

General

Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	16 A
Nominal cross section	2.5 mm ²
Maximum load current	16 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm
Number of positions	10
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
Minimum AWG according to UL/CUL	30

Plug - GIC 2,5 HCV/10-ST-7,62 - 1745700

Technical data

Connection data

Maximum AWG according to UL/CUL	12
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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals


Approvals submitted

Approval details

Plug - GIC 2,5 HCV/10-ST-7,62 - 1745700

Approvals

UL Recognized 		
	B	C
mm²/AWG/kcmil	30-12	30-12
Nominal current I _N	16 A	16 A
Nominal voltage U _N	600 V	600 V

cUL Recognized 		
	B	C
mm²/AWG/kcmil	30-12	30-12
Nominal current I _N	16 A	16 A
Nominal voltage U _N	600 V	600 V

EAC

cULus Recognized 
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Accessories

Additional products

Plug - GMSTB 2,5 HCV/10-ST-7,62 - 1714359



Plug component, Nominal current: 16 A, Rated voltage (III/2): 1000 V, Number of positions: 10, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Base strip - GIC 2,5 HC/10-G-7,62 - 1745865



Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 10, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Plug - GIC 2,5 HCV/10-ST-7,62 - 1745700

Accessories

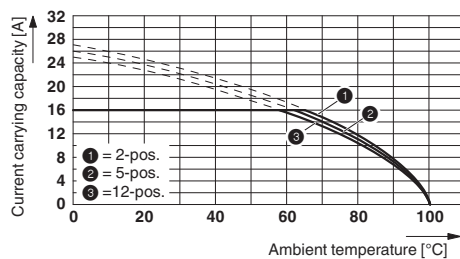
Printed-circuit board connector - GICV 2,5 HC/10-G-7,62 - 1756566



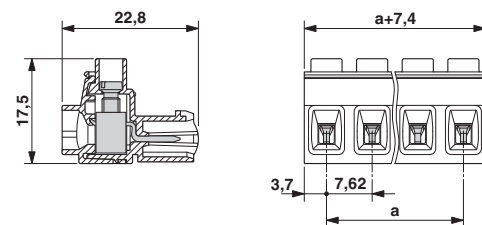
Header, Nominal current: 16 A, Rated voltage (III/2): 630 V, Number of positions: 10, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Drawings

Diagram



Dimensioned drawing



Derating curve for: GIC 2,5 HCV/...-ST-7,62 with GIC 2,5 HC/...-G-7,62