## **SIEMENS**

Data sheet 7PV1518-1AN30



Timing relay, electronic ON delay 1 change-over contact, 7 time ranges 0.05 s...100 h 220 V AC/DC, 0.7...1.15 x US Screw terminal

Figure similar

product brand name	SIRIUS
product designation	timing relay
design of the product	slow-operating
product type designation	7PV15
General technical data	
product component semi-conductor output	No
product extension required remote control	No
product extension optional remote control	No
insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value	300 V
test voltage for isolation test	2.2 kV
degree of pollution	2
surge voltage resistance rated value	4 000 V
test voltage for surge voltage test	4 800 V
protection class IP	IP20
shock resistance according to IEC 60068-2-27	11g / 15 ms
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
adjustable time	0.05 s 100 h
relative setting accuracy relating to full-scale value	5 %; +/-
minimum ON period	35 ms
recovery time	500 ms
reference code according to IEC 81346-2	К
relative repeat accuracy	2 %; +/-
influence of the surrounding temperature	2% in complete temperature range for the set duration
power supply influence	2% in complete voltage range for the set duration
Substance Prohibitance (Date)	05/01/2012
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
control supply voltage 1 at AC	
● at 50 Hz	180 240 V
• at 60 Hz	180 240 V
control supply voltage frequency 1	50 60 Hz
control supply voltage 1 at DC	
•	180 240 V
operating range factor control supply voltage rated value at DC	

Initial value   0.85		0.05
Operating range factor control supply voltage rated value at AC at 50 Hz	• initial value	0.85
AC at 90 fez  initial value  6 (ill-scale value)		1.1
* Initial value     *		
poperating range factor control supply voltage rated value at Act at 80 fs     Initial value   0.85	• initial value	0.85
AC at 6 fize  Initial value  Initial		
Illuscate value  witching function  ON-delay function  ON-delay syntantaneous contact  Passing make contact  Passing prace contac		
switching Function  • O'N-delay/instantaneous contact • O'N-delay/instantaneous contact • Dessing make contact • Dessing make contact • Coff-delay  switching function • Eashing symmetrically with interval startinstantaneous • Eashing symmetrically with interval start • Eashing symmetrically with pulses start than the sashing symmetrically with pulses start than the sashing symmetrically with pulses start • Eashing symmetrically with control signal • Eashing start acround • Eashing symmetrically with control signal • Eashing shart an eashing start an eashing start and eashing	• initial value	0.85
switching function  ON-delay (No. 4-delay)	• full-scale value	1.1
ON-delay finatantaneous contact One saing make contact So sasing make contact So (OFF delay Solution gymmetrically with interval start/instantaneous Solution gymmetrically with interval start instantaneous Solution gymmetrically with interval start Solution gymmetrically with interval start Solution gymmetrically with pulse start No Solution gymmetrically with pulse start Solution gymmetrically with gymmetrically solution gymmetric	Switching Function	
ON-delay/instantaneous contact spassing make contact passing make contact of passing make contact of passing make contact of Fedelay switching function  (lashing symmetrically with interval start/instantaneous of lashing symmetrically with pulse start/instantaneous of lashing symmetrically with pulse start/instantaneous of lashing symmetrically with pulse start of lashing symmetrically with solver of lashing symmetrically with symmetrically of lashing symmetrically of lashing symmetrically of lashing symmetrically with symmetrically of lashing symmetrically symmetrically of lashing symmetrically symmetrically of lashing symmetrically symmetrically symmetrically of lashing symmetrically symmetrically of lashing symmetrically symmetrically symmetrically symmetrically of lashing symmetrically symmetricaly symmetrically symmetrically symmetrically symmetrically symmetr	switching function	
passing make contact passing make contact passing make contact/instantaneous contact profeley passing make contact/instantaneous passing make contact/instantaneous passing make contact passing make	ON-delay	Yes
passing make contact/instantaneous contact price delay passing symmetrically with interval start/instantaneous flashing symmetrically with pulse start flashing asymmetrically with dealth flashing asymmetrically flashing asymmetrically start flashing asymmetrically flashing asymmetrically flashing asymmetrically flashing asymmetrically flashing f	<ul> <li>ON-delay/instantaneous contact</li> </ul>	No
OFF delay     Switching function     Isashing symmetrically with interval start/instantaneous     Isashing symmetrically with interval start     Isashing symmetrically with pulse start instantaneous     Isashing symmetrically with pulse start     Isashing symmetrically with delay time     isashing symmetrically with control signal     Isashing make contact     Isashing symmetrically with control signal     Isashing symmetrically with symmetrically symmetrical symmetrically sy	passing make contact	No
switching function  • flashing symmetrically with interval start on the start of th	<ul> <li>passing make contact/instantaneous contact</li> </ul>	No
• flashing symmetrically with interval start	OFF delay	No
flashing symmetrically with jubles start in tashing symmetrically with publes start in tashing symmetrically with jubles start in No inashing asymmetrically with jubles start in No inashing asymmetrically with jubles start in No inashing asymmetrically with juble start in No inashing asymmetrically with jubles start delta circuit with delay time in No inashing function with control signal in additive ON-delay in No inashing in No inashing asymmetrically with jubles delayed in No inashing inashing in No inashing inashing in No inashing in No inashing in No inashing in No inashi	switching function	
flashing symmetrically with pulse start	• flashing symmetrically with interval start/instantaneous	No
flashing asymmetrically with julse start   No     flashing asymmetrically with julse start   No     flashing asymmetrically with pulse start   No     switching function     star-delta circuit with delay time   No     star-delta circuit with delay time   No     star-delta circuit with control signal     additive ON-delay   No     passing break contact   No     passing break contact   No     oFF delay   No     OFF delay   No     OFF delay   No     OFF delay   No     OFF delay/instantaneous   No     outse delayed   No     pulse delayed/instantaneous   No     pulse-shaping   No     pulse-shaping   No     oN-delay/OFF-delay   No     ON-delay/OFF-delay   No     ON-delay/OFF-delay   No     oN-delay/OFF-delay   No     oN-delay/OFF-delay   No     oN-delay/OFF-delay   No     on-delay-delay/instantaneous   No     passing make contact   No     passing make contact   No     symital   Switching function of interval relay with control signal     retrotrigerable with deactivated control signal     retrotrigerable with switched-on control   No     signal/instantaneous contact     retrotrigerable with switched-on control signal   No     design of the control terminal non-floating   Yes     Short-circuit protection     design of the sub-ink for short-circuit protection of the auxiliary     Auxiliary circuit     material of switching   O     einstantaneous contact     delayed switching   O     einstantan	<ul> <li>flashing symmetrically with interval start</li> </ul>	No
flashing asymmetrically with interval start   No     flashing asymmetrically with pulse start   No     star-delta circuit with delay time   No     star-delta circuit with delay time   No     star-delta circuit with delay time   No     star-delta circuit   No     passing break contact   No     passing break contact/instantaneous   No     oFF delay   No     oFF delay   No     opulse delayed   No     pulse delayed   No     pulse shaping   No     pulse shaping   No     pulse shaping   No     out-delay/OFF-delay   No     oN-delay/OFF-delay   No     oN-delay/OFF-delay   No     oN-delay/OFF-delay   No     on-delay/OFF-delay   No     opassing make contact   No     passing make contact   No     passing make contact   No     stricting function of interval relay with control signal     reforting gerable with deactivated control signal   No     reforting gerable with switched-on control signal   No     reforting gerable with deactivated control signal   No     refortin	<ul> <li>flashing symmetrically with pulse start/instantaneous</li> </ul>	No
flashing asymmetrically with pulse start     switching function	<ul> <li>flashing symmetrically with pulse start</li> </ul>	No
switching function  • star-delta circuit with delay time • star-delta circuit  switching function with control signal • additive ON-delay • passing break contact • passing make contact • passing make contact • passing make contact • passing make contact • retrotriggerable with deactivated control signal • retrotriggerable with switched-on control signal • retrotriggerable with swit	<ul> <li>flashing asymmetrically with interval start</li> </ul>	No
star-delta circuit with delay time star-delta circuit switching function with control signal  additive ON-delay passing break contact pulse-shaping instantaneous pulse-shaping instantaneous additive ON-delay No OFF delay No OFF delay(instantaneous pulse delayed(instantaneous pulse-shaping No pulse-shaping No pulse-shaping No ON-delay/OFF-delay ON-delay/OFF-delay(instantaneous AN ON-delay/OFF-delay(instantaneous AN ON-delay/OFF-delay(instantaneous AN ON-delay/OFF-delay(instantaneous AN ON-delay/OFF-delay(instantaneous AN ON-delay/OFF-delay(instantaneous AN AN ON-delay/OFF-delay(instantaneous AN AN AN ON-delay/OFF-delay(instantaneous AN	flashing asymmetrically with pulse start	No
switching function with control signal additive ON-delay passing break contact passing break contact passing break contactinstantaneous OFF delay OFF delay OFF delay OFF delay(instantaneous OFF del		
witching function with control signal  additive ON-delay  passing break contact  passing break contact/instantaneous  OFF delay  OFF delay  OFF delay/instantaneous  pulse delayed  pulse delayed  pulse delayed  pulse-shaping  pulse-shaping  pulse-shaping  No  ON-delay/OFF-delay  No  ON-delay/OFF-delay  No  ON-delay/OFF-delay  No  ON-delay/OFF-delay No	•	
additive ON-delay passing break contact passing break contact/instantaneous OFF delay OFF delay OFF delay/instantaneous pulse delayed pulse delayed pulse delayed pulse-shaping No pulse-shaping No pulse-shapingfinstantaneous No additive ON-delay/OFF-delay No ON-delay OFF-delay No ON-de		No
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OFF delay/instantaneous OFF de	<ul> <li>passing break contact</li> </ul>	No
OFF delay/instantaneous  pulse delayed  pulse delayed  pulse delayed  pulse delayed/instantaneous  pulse-shaping  pulse-shaping  pulse-shaping/instantaneous  No  additive ON-delay/instantaneous  No  ON-delay/OFF-delay  No  ON-delay/OFF-delay/instantaneous  passing make contact  passing make contact/instantaneous contact  vo  switching function of interval relay with control signal  retrotriggerable with deactivated control signal/instantaneous contact  retrotriggerable with switched-on control signal  retrotriggerable with switched-on control signal  retrotriggerable with deactivated control signal/instantaneous contact  retriggerable with deactivated control signal  retriggerable with switched-on control signal/instantaneous contact  retriggerable with switched-on control signal/instantaneous contact  retriggerable with for short-circuit protection of the auxiliary switch required  Auxiliary circuit  auxiliary circuit  material of switching contacts  delayed switching  instantaneous contact  delayed switching	<ul> <li>passing break contact/instantaneous</li> </ul>	No
pulse delayed  pulse-shaping  pulse-shaping  pulse-shapinginstantaneous  odditive ON-delay/instantaneous  ON-delay/OFF-delay  ON-delay/OFF-delay  No  ON-delay/OFF-delay  No  opassing make contact  passing make contact  retrotriggerable with deactivated control signal  retrotriggerable with deactivated control signal  retrotriggerable with switched-on control signal  retrotriggerable with switched-on control  signal/instantaneous contact  retrotriggerable with deactivated control  signal/instantaneous contact  retrotriggerable with switched-on control  signal/instantaneous contact  retriggerable with deactivated control signal  retrotriggerable with switched-on control  signal/instantaneous contact  retriggerable with deactivated control signal  design of the control terminal non-floating  Short-circuit protection  design of the fuse link for short-circuit protection of the auxiliary switch required  Auxillary circuit  material of switching contacts  delayed switching  instantaneous contact  delayed switching	•	No
pulse delayed/instantaneous pulse-shaping pulse-shaping pulse-shaping/instantaneous additive ON-delay/instantaneous Ontact ON-delay/instantaneous Ontact ON-delay/instantaneous Ontact ON-delay/instantaneous Ontact ON-delay/instantaneous ON-delay/instantaneous Ontact ON-delay/instantaneous Ontact ON-delay/instantaneous ON-delay/instantaneous Ontact Ontacts ON-delay/instantaneous ON-delay/	OFF delay/instantaneous	No
pulse-shaping pulse-shaping/instantaneous additive ON-delay/instantaneous No ON-delay/OFF-delay ON-delay/OFF-delay ON-delay/OFF-delay/instantaneous passing make contact passing make contact passing make contact/instantaneous contact No  switching function of interval relay with control signal retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal/instantaneous contact retrotriggerable with switched-on control signal/instantaneous contact retrotriggerable with deactivated control signal retrotriggerable with deactivated control signal retrotriggerable with deactivated control signal retrotriggerable with switched-on control retrotriggerable with sw	pulse delayed	No
pulse-shaping/instantaneous additive ON-delay/instantaneous ON-delay/OFF-delay ON-delay/OFF-delay ON-delay/OFF-delay/instantaneous passing make contact passing make contact/instantaneous contact  retrotriggerable with deactivated control signal retrotriggerable with switched-on control signal retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal/instantaneous contact retrotriggerable with deactivated control signal retrotrictorigerable with switched-on control signal/instantaneous contact retrotriggerable with feactivated control signal retrotriggerable with feactivated control signal retrotriggerable with eactivated control signal retrotriggerable with governor signal retrotriggerable with deactivated control signal retrotriggerable with reductivated control signal retrotriggerable with retrotriction retrotriggerable with switched-on control signal/instantaneous contact retrotriggerable with switched-on control signal/instantaneous contacts retrotriggerable with eactivated control signal/instantaneous contact retrotriggerable with eactivated control signal/instantaneous contact signal/ins	<ul> <li>pulse delayed/instantaneous</li> </ul>	No
additive ON-delay/OFF-delay ON-delay/OFF-delay ON-delay/OFF-delay/instantaneous ON-delay/OFF-delay/instantaneous Passing make contact Passing make contact Passing make contact/instantaneous contact  switching function of interval relay with control signal  eretrotriggerable with deactivated control signal/instantaneous contact  retrotriggerable with switched-on control signal  retrotriggerable with switched-on control signal/instantaneous contact  retrotriggerable with switched-on control signal/instantaneous contact  retrotriggerable with deactivated control signal retrotriggerable with switched-on control retrotriggerable with deactivated control signal retrotriggerable with deactivated control signal retrotriggerable with deactivated control signal retrotriggerable with switched-on control retrotriggerable with deactivated control signal retrotriggerable with switched-on control retrotriggerable with deactivated control signal retrotriggerable with switched-on control retrotriggerable with switched-on control retrotriggerable with deactivated control retrotriggerable with deactivated control retrotriggerable with deactivated control retrotriggerable with deactivated control retrotriggerable	<ul><li>pulse-shaping</li></ul>	No
ON-delay/OFF-delay ON-delay/OFF-delay/instantaneous passing make contact passing make contact passing make contact passing make contact/instantaneous contact passing function of interval relay with control signal passing function of interval relay with control signal passing instantaneous contact passing instant	<ul><li>pulse-shaping/instantaneous</li></ul>	No
ON-delay/OFF-delay/instantaneous passing make contact passing make contact/instantaneous contact No  switching function of interval relay with control signal retrotriggerable with deactivated control signal retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retrotriggerable with switched-on control signal/instantaneous contact retrotriggerable with deactivated control signal retrotriggerable with switched-on control No signal/instantaneous contact retrotriggerable with switched-on control No signal/instantaneous contact retrotriggerable with switched-on control No signal/instantaneous contact No No signal/instantaneous delayed with switched-on control signal No No signal/instantaneous contact No No signal/instanta	•	No
passing make contact passing make contact/instantaneous contact passing make contact/instantaneous contact passing make contact/instantaneous contact pretrotriggerable with deactivated control passing/instantaneous contact pretrotriggerable with switched-on control signal pretrotriggerable with switched-on control signal pretrotriggerable with switched-on control pretrotriggerable with switched-on control pretrotriggerable with deactivated control pretrotriggerable with deactivated control signal pretrotriggerable with switched-on control pretrotriggerable with deactivated control signal pretrotriggerable with switched-on control pretrotriggerable with sw		
passing make contact/instantaneous contact  passing function of interval relay with control signal  retrotriggerable with deactivated control signal/instantaneous contact  retrotriggerable with switched-on control signal  retrotriggerable with switched-on control signal  retrotriggerable with switched-on control signal/instantaneous contact  retriggerable with deactivated control signal  retriggerable with deactivated control signal  No  design of the control terminal non-floating  Yes  Short-circuit protection  design of the fuse link for short-circuit protection of the auxiliary switch required  Auxiliary circuit  material of switching contacts  elalayed switching  o  instantaneous contact  o  number of NC contacts  elalayed switching  o  instantaneous contact  o  number of NO contacts  elalayed switching  o  instantaneous contact  o  instantaneous contact  o  instantaneous contact  o  instantaneous contact  o  o  instantaneous contact  o  o  instantaneous contact  o  o  o  instantaneous contact  o  o  o  instantaneous contact  o  o  o  o  o  o  o  o  o  o  o  o  o		
switching function of interval relay with control signal  • retrotriggerable with deactivated control signal / instantaneous contact  • retrotriggerable with switched-on control signal No  • retrotriggerable with switched-on control signal No  • retrotriggerable with switched-on control signal No  • retriggerable with deactivated control signal No  design of the control terminal non-floating Yes  Short-circuit protection  design of the fuse link for short-circuit protection of the auxiliary switch required  Auxiliary circuit  material of switching contacts AgSnO2  number of NC contacts  • delayed switching 0  • instantaneous contact 0  number of NO contacts  • delayed switching 0  • instantaneous contact 0  number of NO contacts  • delayed switching 0  • instantaneous contact 0		
retrotriggerable with deactivated control signal/instantaneous contact     retrotriggerable with switched-on control signal No     retrotriggerable with switched-on control signal No     retriggerable with switched-on control No signal/instantaneous contact     retriggerable with deactivated control signal No  design of the control terminal non-floating Yes  Short-circuit protection  design of the fuse link for short-circuit protection of the auxiliary switch required  Auxiliary circuit  material of switching contacts AgSnO2  number of NC contacts     delayed switching O     instantaneous contact  number of NO contacts     delayed switching O     instantaneous contact  e delayed switching O     instantaneous contact  o instantaneous contact  o instantaneous contact  o instantaneous contact  o instantaneous contact  o instantaneous contact  o instantaneous contact  o instantaneous contact  o o  o o  o o  o o  o o  o o  o o  o	- · · · · · · · · · · · · · · · · · · ·	No
signal/instantaneous contact  • retrotriggerable with switched-on control signal  • retrotriggerable with switched-on control signal No  • retriggerable with deactivated control signal No  design of the control terminal non-floating Yes  Short-circuit protection  design of the fuse link for short-circuit protection of the auxiliary switch required  Auxiliary circuit  material of switching contacts  • delayed switching  • instantaneous contact  • delayed switching  • delayed switching  • delayed switching  • instantaneous contact		
retrotriggerable with switched-on control signal     retrotriggerable with switched-on control signal/instantaneous contact     retriggerable with deactivated control signal     No  design of the control terminal non-floating  Short-circuit protection  design of the fuse link for short-circuit protection of the auxiliary switch required  Auxiliary circuit  material of switching contacts     elalyed switching     instantaneous contact  olimitation  design of the fuse link for short-circuit protection of the auxiliary switching  olimitation		No
retrotriggerable with switched-on control signal/instantaneous contact     retriggerable with deactivated control signal No  design of the control terminal non-floating Yes  Short-circuit protection  design of the fuse link for short-circuit protection of the auxiliary switch required  Auxiliary circuit  material of switching contacts     edelayed switching     instantaneous contact  olimitation  number of NO contacts     edelayed switching     eleayed switching     instantaneous contact  eleayed switching     o  instantaneous contact  olimitation  olim	-	No
signal/instantaneous contact  • retriggerable with deactivated control signal No  design of the control terminal non-floating Yes  Short-circuit protection  design of the fuse link for short-circuit protection of the auxiliary switch required  Auxiliary circuit  material of switching contacts AgSnO2  number of NC contacts  • delayed switching • instantaneous contact  number of NO contacts  • delayed switching • instantaneous contact  • instantaneous contact  • instantaneous contact  0  • instantaneous contact  0		
design of the control terminal non-floating     Yes       Short-circuit protection     Instantaneous contacts       design of the fuse link for short-circuit protection of the auxiliary switch required     fuse gL/gG: 4 A       Auxiliary circuit     AgSnO2       number of NC contacts     0       • delayed switching     0       • instantaneous contact     0       • delayed switching     0       • instantaneous contact     0       • instantaneous contact     0		
Short-circuit protection  design of the fuse link for short-circuit protection of the auxiliary switch required  Auxiliary circuit  material of switching contacts  • delayed switching • instantaneous contact  • delayed switching • instantaneous contact  • delayed switching • instantaneous contact  • o	retriggerable with deactivated control signal	No
design of the fuse link for short-circuit protection of the auxiliary switch required  Auxiliary circuit  material of switching contacts  • delayed switching • instantaneous contact  • delayed switching • delayed switching • instantaneous contact	design of the control terminal non-floating	Yes
switch required  Auxiliary circuit  material of switching contacts  number of NC contacts  elayed switching einstantaneous contact  number of NO contacts  edelayed switching einstantaneous contact  olayed switching einstantaneous contact	Short-circuit protection	
material of switching contacts  number of NC contacts  delayed switching instantaneous contact  number of NO contacts  delayed switching  delayed switching  instantaneous contact  0	switch required	fuse gL/gG: 4 A
number of NC contacts  • delayed switching • instantaneous contact  number of NO contacts • delayed switching • instantaneous contact  0  0  0  0  0  0  0  0  0  0  0  0  0	Auxiliary circuit	
<ul> <li>delayed switching</li> <li>instantaneous contact</li> <li>number of NO contacts</li> <li>delayed switching</li> <li>instantaneous contact</li> <li>0</li> </ul>	material of switching contacts	AgSnO2
instantaneous contact  number of NO contacts      delayed switching     instantaneous contact      instantaneous contact	number of NC contacts	
number of NO contacts  • delayed switching 0  • instantaneous contact 0	<ul><li>delayed switching</li></ul>	
<ul> <li>delayed switching</li> <li>instantaneous contact</li> <li>0</li> </ul>		0
• instantaneous contact 0	number of NO contacts	
	<ul><li>delayed switching</li></ul>	
number of CO contacts		0
	number of CO contacts	

delayed switching	1
instantaneous contact	0
operational current of auxiliary contacts at AC-15	
• maximum	3 A
• at 24 V	3 A
● at 250 V	3 A
operational current of auxiliary contacts as NC contact at AC-15	
● at 24 V	3 A
● at 250 V	3 A
operational current of auxiliary contacts as NO contact at AC-15	
● at 24 V	3 A
● at 250 V	3 A
operational current of auxiliary contacts at DC-13	1 0.01
operational current of auxiliary contacts at DC-13	
• at 24 V	1 A
• at 125 V	0.22 A
● at 250 V	0.1 A
operating frequency with 3RT2 contactor maximum	5 000 1/h
contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (17 V, 5
	mA)
contact rating of auxiliary contacts according to UL	R150 / B300
switching capacity current with inductive load	0.01 3 A
Inputs/ Outputs	
product function	
<ul> <li>at the relay outputs switchover delayed/without delay</li> </ul>	No
non-volatile	No
Electromagnetic compatibility	
EMC immunity according to IEC 61812-1	EN 61000-6-2
conducted interference	
<ul> <li>due to burst according to IEC 61000-4-4</li> </ul>	2 kV network connection / 1 kV control connection
due to conductor-earth surge according to IEC 61000-4-5	2 kV
due to conductor-conductor surge according to IEC	1 kV
61000-4-5	
field-based interference according to IEC 61000-4-3	10 V/m
electrostatic discharge according to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
Safety related data	
category according to EN 954-1	none
Electrical Safety	
protection class IP on the front according to IEC 60529	
	IP20
type of insulation	IP20 Basic insulation
type of insulation Connections/ Terminals	
· ·	
Connections/ Terminals product component removable terminal for auxiliary and	Basic insulation
Connections/ Terminals product component removable terminal for auxiliary and control circuit	Basic insulation  No
Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit	Basic insulation  No
Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	No screw-type terminals
Connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections  • solid	No screw-type terminals  1x (0.2 2.5 mm²)
connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections  • solid  • finely stranded with core end processing	No screw-type terminals  1x (0.2 2.5 mm²) 1x (0.25 1.5 mm²)
connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections  • solid  • finely stranded with core end processing  • finely stranded without core end processing	No screw-type terminals  1x (0.2 2.5 mm²) 1x (0.25 1.5 mm²) 1x (0.2 1.5 mm²)
connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections  • solid  • finely stranded with core end processing  • finely stranded without core end processing  • for AWG cables solid	No screw-type terminals  1x (0.2 2.5 mm²) 1x (0.25 1.5 mm²) 1x (0.2 1.5 mm²) 1x (24 14)
connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections  • solid  • finely stranded with core end processing  • finely stranded without core end processing  • for AWG cables solid  • for AWG cables stranded	No screw-type terminals  1x (0.2 2.5 mm²) 1x (0.25 1.5 mm²) 1x (0.2 1.5 mm²) 1x (24 14)
connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections  • solid  • finely stranded with core end processing  • finely stranded without core end processing  • for AWG cables solid  • for AWG cables stranded  connectable conductor cross-section	No screw-type terminals  1x (0.2 2.5 mm²) 1x (0.25 1.5 mm²) 1x (0.2 1.5 mm²) 1x (0.4 14) 1x (24 14)
product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections	No screw-type terminals  1x (0.2 2.5 mm²) 1x (0.25 1.5 mm²) 1x (0.2 1.5 mm²) 1x (0.4 14) 1x (24 14) 0.2 2.5 m²
product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections	No screw-type terminals  1x (0.2 2.5 mm²) 1x (0.25 1.5 mm²) 1x (0.2 1.5 mm²) 1x (24 14) 1x (24 14)  0.2 2.5 m² 0.25 1.5 m²
product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections	No screw-type terminals  1x (0.2 2.5 mm²) 1x (0.25 1.5 mm²) 1x (0.2 1.5 mm²) 1x (24 14) 1x (24 14)  0.2 2.5 m² 0.25 1.5 m²
product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections	No screw-type terminals  1x (0.2 2.5 mm²) 1x (0.25 1.5 mm²) 1x (0.2 1.5 mm²) 1x (0.4 14) 1x (24 14) 0.2 2.5 m² 0.25 1.5 m² 0.2 1.5 m²
product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections	No screw-type terminals  1x (0.2 2.5 mm²) 1x (0.2 1.5 mm²) 1x (0.2 1.5 mm²) 1x (24 14) 1x (24 14)  0.2 2.5 m² 0.25 1.5 m² 0.2 1.5 m²
product component removable terminal for auxiliary and control circuit  type of electrical connection for auxiliary and control circuit  type of connectable conductor cross-sections	No screw-type terminals  1x (0.2 2.5 mm²) 1x (0.2 1.5 mm²) 1x (0.2 1.5 mm²) 1x (24 14) 1x (24 14)  0.2 2.5 m² 0.25 1.5 m² 0.2 1.5 m²

fastening method	snap-on fastening on 35 mm DIN rail	
height	90 mm	
width	17.5 mm	
depth	66.7 mm	
required spacing		
<ul> <li>with side-by-side mounting</li> </ul>		
— forwards	0 mm	
— backwards	0 mm	
— upwards	0 mm	
— downwards	0 mm	
— at the side	0 mm	
<ul> <li>for grounded parts</li> </ul>		
— forwards	0 mm	
— backwards	0 mm	
— upwards	0 mm	
— at the side	0 mm	
— downwards	0 mm	
for live parts		
— forwards	0 mm	
— backwards	0 mm	
— upwards	0 mm	
— downwards	0 mm	
— at the side	0 mm	
Ambient conditions		
installation altitude at height above sea level maximum	2 000 m	
ambient temperature		
<ul> <li>during operation</li> </ul>	-25 +55 °C	
during storage	-40 +70 °C	
during transport	-40 +70 °C	
relative humidity during operation	15 85 %	
Environmental footprint		
Environmental Product Declaration(EPD)	Yes	
Global Warming Potential [CO2 eq] total	22.4 kg	
Global Warming Potential [CO2 eq] during manufacturing	1.34 kg	
Global Warming Potential [CO2 eq] during operation	21.2 kg	
Global Warming Potential [CO2 eq] after end of life	-0.156 kg	
Approvals Certificates		
General Product Approval		

General Product Approval



Confirmation









EMV other Environment



<u>KC</u>

Confirmation



Environmental Confirmations

## Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7PV1518-1AN30

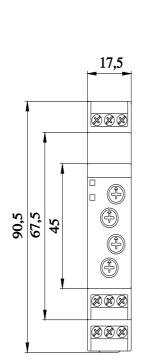
Cax online generator

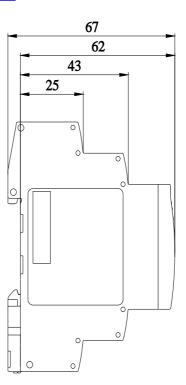
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=7PV1518-1AN30}$ 

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/7PV1518-1AN30

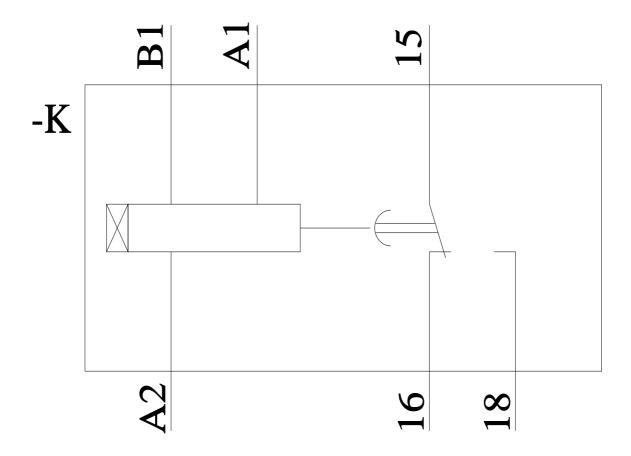
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

Characteristic: Derating https://support.industry.siemens.com/cs/ww/en/ps/7PV1518-1AN30/manual





Alle Bemassungswerte sind in Millimeter (mm) angegeben All dimensions are in millimeters (mm)



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