SIEMENS

Data sheet 3RP2527-1EW30



Timing relay, electronic ansprechverzögert 1 NO (semiconductor) 2-wire 4 time ranges 0.05...240 s 12-240 V AC/DC screw terminal

product type designation design of the product product type designation 3RP25 General technical data product component	product brand name	SIRIUS
product type designation General technical data product component • relay output • semi-conductor output product extension required remote control product extension required remote control power loss [W] maximum 2 W test voltage for isolation test degree of pollution 3 surge voltage resistance rated value protection class IP product extension according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical adjustable time electrical endurance (switching cycles) typical adjustable time relative setting accuracy relating to full-scale value thermal current 0.6 A recovery time reference code according to IEC 81346-2 krelative repeat accuracy 1 %; +/- influence of the surrounding temperature power supply influence 3 typical 4 000 V protection class IP 10 000 000 10 000	product designation	timing relay
General technical data product component • relay output • semi-conductor output product extension required remote control power loss [W] maximum 2 W test voltage for isolation test 2.5 kV degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP shock resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time 10.05 240 s relative setting accuracy relating to full-scale value thermal current 10.6 A recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy 11%; +/- influence of the surrounding temperature 1% in the whole temperature range to the set runtime power supply influence 1% in the whole voltage range to the set runtime power supply voltage 1 at AC • at 50 Hz • at 50 Hz • at DC operating range factor control supply voltage rated value at DC operating range factor control supply voltage rated value at DC operating range factor control supply voltage rated value at DC operating range factor control supply voltage rated value at DC operating range factor control supply voltage rated value at DC operating range factor control supply voltage rated value at DC operating range factor control supply voltage rated value at DC	design of the product	slow-operating
relative setting accuracy relating to full-scale value thermal current tereal endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative repeat accuracy thereal courted to the set runtime prower of the subruch after the court of the set runtime power subrace Por hibitance (Date) Surge reference (Date) street or for solation test 2.5 kV degree of pollution 3 surge voltage resistance rated value protection class IP IP20 shock resistance according to IEC 60068-2-27 11g / 15 ms IP20 shock resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm 10 000 000 10 0000 1	product type designation	3RP25
• relay output • semi-conductor output Product extension required remote control Product extension optional remote control No Power loss [W] maximum 2 W test voltage for isolation test degree of pollution 3 surge voltage resistance rated value Protection class IP Shock resistance according to IEC 60068-2-27 Illy 15 ms Vibration resistance cording to IEC 60068-2-6 Mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value frecovery time 250 ms reference code according to IEC 81346-2 Relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC operating range factor control supply voltage rated value at DC voltage factor control supply voltage rated value at DC voltage factor control supply voltage rated value at DC voltage factor control supply voltage rated value at DC voltage factor control supply voltage rated value at DC voltage factor control supply voltage rated value at DC voltage factor control supply voltage rated value at DC voltage factor control supply voltage rated value at DC voltage factor control supply voltage rated value at DC voltage factor control supply voltage rated value at DC	General technical data	
• semi-conductor output product extension required remote control No product extension optional remote control No power loss [W] maximum 2 W test voltage for isolation test 2.5 kV degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current 0.6 A reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 50 Hz • at DC Operating range factor control supply voltage rared value at DC operating range factor control supply voltage rared value at DC operating range factor control supply voltage rared value at DC Operating range factor control supply voltage rared value at DC Operating range factor control supply voltage rared value at DC	product component	
product extension required remote control product extension optional remote control No power loss [W] maximum 2 W test voltage for isolation test 2.5 kV degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 11g/ 15 ms vibration resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical adjustable time 0.05 240 s relative setting accuracy relating to full-scale value thermal current 0.6 A recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 1%; +/- influence of the surrounding temperature power supply influence Substance Prohibitance (Date) 09/12/2014 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage 1 • at DC operating range factor control supply voltage rated value at DC operating range factor control supply voltage rated value at DC operating range factor control supply voltage rated value at DC Operating range factor control supply voltage rated value at DC Operating range factor control supply voltage rated value at DC Operating range factor control supply voltage rated value at DC	 relay output 	No
product extension optional remote control power loss [W] maximum 2 W test voltage for isolation test 2.5 kV degree of pollution 3 surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical adjustable time relative setting accuracy relating to full-scale value thermal current creavery time 250 ms reference code according to IEC 81346-2 relative repeat accuracy 1 %; +/- influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage frequency 1 • at DC operating range factor control supply voltage rated value at DC voltage range factor control supply voltage rated value at DC V violage of the control supply voltage rated value at DC voltage range factor control supply voltage rated value at DC V violage of the control supply voltage rated value at DC voltage range factor control supply voltage rated value at DC	semi-conductor output	Yes
power loss [W] maximum test voltage for isolation test degree of pollution surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current covery time reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage at DC operating range factor control supply voltage rated value in Control supply voltage range factor control supply voltage raded value at DC operating range factor control supply voltage rated value according range factor control supply voltage raded 2.5 kV 1920 1920 1920 1920 1920 1920 1920 1920 1920 1920 1920 2 w 2 w 2 w 3 w 4 000 V 1920	product extension required remote control	No
test voltage for isolation test degree of pollution surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current	product extension optional remote control	No
degree of pollution surge voltage resistance rated value protection class IP protection class IP shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current 0.6 A relative repeat accuracy reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage 1 • at DC operating range factor control supply voltage rated value at DC vibration in the voltage rated value at DC 12 240 V operating range factor control supply voltage rated value at DC	power loss [W] maximum	2 W
surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 nechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time control surply voltage 1 control supply voltage 1 e at DC operating range factor control supply voltage rated value at DC light 1920 100 00 100 00 100 000	test voltage for isolation test	2.5 kV
shock resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-6 nechanical service life (switching cycles) typical electrical endurance (switching cycles) typical adjustable time relative setting accuracy relating to full-scale value thermal current 0.6 A recovery time reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) control circuit/ Control type of voltage of the control supply voltage at 60 Hz control supply voltage frequency 1 e at DC operating range factor control supply voltage rated value at DC 11g / 15 ms 10	degree of pollution	3
shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical adjustable time adjustable time relative setting accuracy relating to full-scale value thermal current 0.6 A relative repeat according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage at 60 Hz control supply voltage frequency 1 e at 50 Hz e at 60 Hz control supply voltage frequency 1 e at DC operating range factor control supply voltage rated value at DC 110 55 Hz / 0.35 mm 10 60 ND 10 55 Hz / 0.35 mm 10 60 ND 10 55 Hz / 0.35 mm 10 60 ND 10 60 ND 10 60 ND	surge voltage resistance rated value	4 000 V
vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current 0.6 A recovery time reference code according to IEC 81346-2 Relative repeat accuracy 1 %; +/- influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage	protection class IP	IP20
mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current thermal current 250 ms reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage of the Control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage 1 • at DC operating range factor control supply voltage rated value at DC 100 000 100 0	shock resistance according to IEC 60068-2-27	11g / 15 ms
electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time	vibration resistance according to IEC 60068-2-6	10 55 Hz / 0.35 mm
adjustable time relative setting accuracy relating to full-scale value thermal current 0.6 A reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage frequency 1 • at DC operating range factor control supply voltage rated value at DC operating range factor control supply voltage rated value at DC of the set runtime 0.05 240 s 5 %; +/- 1 %; +/- in the whole temperature range to the set runtime 99/12/2014 AC/DC AC/DC 12 240 V 50 60 Hz 12 240 V	mechanical service life (switching cycles) typical	10 000 000
relative setting accuracy relating to full-scale value thermal current covery time reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage 1 at DC operating range factor control supply voltage rated value at DC there is a substance of the set runtime 5 %; +/- 0.6 A 250 ms K K I %; +/- I %; +/- I %; in the whole temperature range to the set runtime 99/12/2014 Control circuit/ Control type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC at 50 Hz 50 60 Hz control supply voltage frequency 1 at DC operating range factor control supply voltage rated value at DC		100 000
thermal current recovery time reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage 1 at DC operating range factor control supply voltage rated value at DC 10.6 A 250 ms K 4 (**) 1 %; +/- 1% in the whole temperature range to the set runtime 1% in the whole voltage range to the set runtime 9/12/2014 2/2014 2/2014 AC/DC control supply voltage 1 at AC at 50 Hz 12 240 V control supply voltage frequency 1 at DC 12 240 V	adjustable time	0.05 240 s
recovery time reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage e at 50 Hz • at 60 Hz control supply voltage 1 • at DC operating range factor control supply voltage rated value at DC 250 ms K K AC/DC AC/DC AC/DC 12 240 V 50 60 Hz	relative setting accuracy relating to full-scale value	5 %; +/-
reference code according to IEC 81346-2 Relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage 1 at DC operating range factor control supply voltage rated value at DC K I 2 240 V at DC 12 240 V at DC 12 240 V control supply voltage 1 at DC 12 240 V	thermal current	0.6 A
relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage • at 50 Hz • at 60 Hz control supply voltage frequency 1 • at DC operating range factor control supply voltage rated value at DC 1 %; +/- 1% in the whole temperature range to the set runtime 1% in the whole voltage range to the set runtime AC/DC 09/12/2014 AC/DC 12 240 V 12 240 V 12 240 V 12 240 V	recovery time	250 ms
influence of the surrounding temperature power supply influence 1% in the whole temperature range to the set runtime 1% in the whole voltage range to the set runtime 9/12/2014 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage 1 at DC perating range factor control supply voltage rated value at DC	reference code according to IEC 81346-2	K
power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage frequency 1 control supply voltage 1 • at DC operating range factor control supply voltage rated value at DC	relative repeat accuracy	1 %; +/-
Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage 1 at DC at DC 10	influence of the surrounding temperature	1% in the whole temperature range to the set runtime
type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage frequency 1 at DC at DC AC/DC AC/DC 12 240 V 12 240 V 12 240 V 12 240 V 240 V 12 240 V 240 V 240 V 240 V 240 V 240 V	power supply influence	1% in the whole voltage range to the set runtime
type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage 1 at DC at DC AC/DC 12 240 V 12 240 V 50 60 Hz 12 240 V 12 240 V	Substance Prohibitance (Date)	09/12/2014
control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage frequency 1 control supply voltage 1 • at DC operating range factor control supply voltage rated value at DC	Control circuit/ Control	
 at 50 Hz at 60 Hz 2 240 V control supply voltage frequency 1 control supply voltage 1 at DC 12 240 V 50 60 Hz 12 240 V operating range factor control supply voltage rated value at DC 	type of voltage of the control supply voltage	AC/DC
● at 60 Hz control supply voltage frequency 1 control supply voltage 1 e at DC operating range factor control supply voltage rated value at DC 12 240 V 12 240 V	control supply voltage 1 at AC	
control supply voltage frequency 1 control supply voltage 1 at DC operating range factor control supply voltage rated value at DC 50 60 Hz 12 240 V	● at 50 Hz	12 240 V
control supply voltage 1 ■ at DC 12 240 V operating range factor control supply voltage rated value at DC	• at 60 Hz	12 240 V
● at DC operating range factor control supply voltage rated value at DC 12 240 V	control supply voltage frequency 1	50 60 Hz
operating range factor control supply voltage rated value at DC	control supply voltage 1	
value at DC	• at DC	12 240 V
• initial value 0.8		
	• initial value	0.8

e full coole value	11
full-scale value	1.1
operating range factor control supply voltage rated value at AC at 50 Hz	
• initial value	0.8
• full-scale value	1.1
operating range factor control supply voltage rated	1.1
value at AC at 60 Hz	
• initial value	0.8
full-scale value	1.1
inrush current peak	
● at 24 V	0.1 A
• at 240 V	1 A
duration of inrush current peak	
• at 24 V	0.01 ms
• at 240 V	0.04 ms
Switching Function	
switching function	
ON-delay	Yes
ON-delay/instantaneous contact	No
passing make contact	No
passing make contact/instantaneous contact	No
OFF delay	No
switching function	NO
flashing symmetrically with interval	No
start/instantaneous	110
flashing symmetrically with interval start	No
flashing symmetrically with pulse	No
start/instantaneous	
 flashing symmetrically with pulse start 	No
 flashing asymmetrically with interval start 	No
 flashing asymmetrically with pulse start 	No
switching function	
star-delta circuit with delay time	No
star-delta circuit	No
switching function with control signal	
 additive ON-delay 	No
 passing break contact 	No
 passing break contact/instantaneous 	No
OFF delay	No
 OFF delay/instantaneous 	No
pulse delayed	No
pulse delayed/instantaneous	No
pulse-shaping	No
pulse-shaping/instantaneous	No
additive ON-delay/instantaneous	No
ON-delay/OFF-delay/instantaneous	No
passing make contact	No
passing make contact/instantaneous contact	No
switching function of interval relay with control signal	
retrotriggerable with deactivated control	No
signal/instantaneous contact	
 retrotriggerable with switched-on control signal 	No
 retrotriggerable with switched-on control 	No
signal/instantaneous contact	
retriggerable with deactivated control signal	No
Short-circuit protection	
design of the fuse link for short-circuit protection of the	fuse gL/gG: 4 A
auxiliary switch required	
Auxiliary circuit	
number of NC contacts	
delayed switching	0

• instantaneous contact	0
instantaneous contact number of NO contacts	
delayed switching	1
instantaneous contact	0
number of CO contacts	
delayed switching	0
instantaneous contact	0
operating frequency with 3RT2 contactor maximum	5 000 1/h
switching capacity current with inductive load	0.01 0.6 A
Inputs/ Outputs	
product function	
 at the relay outputs switchover delayed/without 	No
delay	
non-volatile	No
residual current maximum	5 mA
Electromagnetic compatibility	
EMC emitted interference according to IEC 61812-1	ambience A (industrial sector)
EMC immunity according to IEC 61812-1	corresponds to degree of severity 3
conducted interference	
due to burst according to IEC 61000-4-4	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	
protection class IP on the front according to IEC	IP20
60529	
category according to EN 954-1 Connections/ Terminals	none
	Voc
product component removable terminal for auxiliary and control circuit	Yes
product component removable terminal for auxiliary	Yes screw-type terminals
product component removable terminal for auxiliary and control circuit	
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit	
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type 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	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 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 • solid • finely stranded with core end processing	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²)
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 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 • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm²
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 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 • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm²
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm²
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 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	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 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	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail 100 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail 100 mm 17.5 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail 100 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail 100 mm 17.5 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail 100 mm 17.5 mm 90 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail 100 mm 17.5 mm 90 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail 100 mm 17.5 mm 90 mm 0 mm 0 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail 100 mm 17.5 mm 90 mm 0 mm 0 mm 0 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail 100 mm 17.5 mm 90 mm 0 mm 0 mm

• for grounded parts - 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 -25 ... +60 °C during operation -40 ... +85 °C • during storage • during transport -40 ... +85 °C relative humidity during operation 10 ... 95 % Certificates/ approvals

General Product Approval

EMC

Declaration of Conformity



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report









Marine / Shipping

other





Confirmation

Further information

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=3RP2527-1EW30

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RP2527-1EW30}$

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RP2527-1EW30

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RP2527-1EW30&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RP2527-1EW30/manual

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