SIEMENS

Data sheet

3RP2525-1AW30



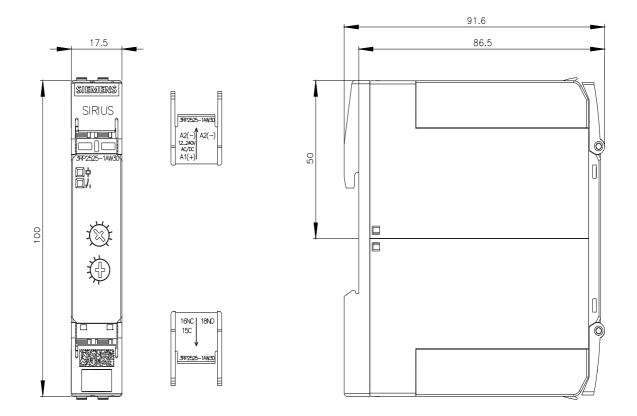
Timing relay, electronic on-delay 1 change-over contact, 7 time ranges 0.05 s...100 h 12-240 V AC/DC at 50/60 Hz AC with LED, screw terminal

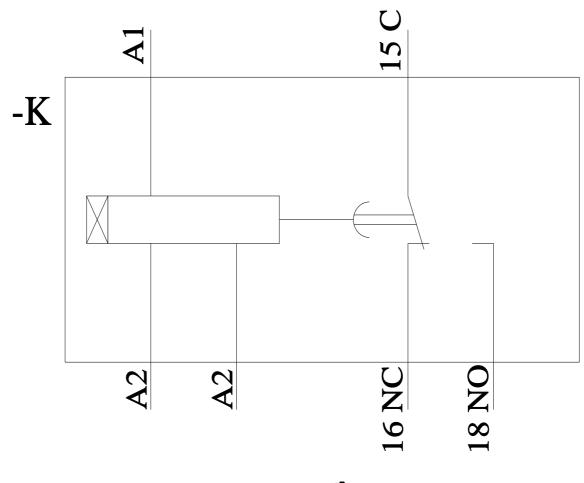
product brand name SIRUS product designation timing relay design of the product 3kw-operating product type designation 3RP25 General technical data - product component - • relay output Yes • semi-conductor output No product extension required emote control No geneer of pollution 300 V Ece 60664 with degree of pollution 3 rated value 25 kV degree of pollution 3 surge voltage resistance rated value 4000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to full-scale value 10 000 000 protection class IP 10 000 000 aljustable time 0.05 s 100 h relative repoeat accuracy 1 %; r/-	No.				
product designation timing relay design of the product siow-operating product type designation 3RP25 General technical data	product brand name	SIRIUS			
design of the product product type designation slow-operating 3PP25 Product component relay output semi-conductor output No product component relay output semi-conductor output No product extension required remote control product extension optional remote control No statistic product extension required remote control No product extension optional remote control No statistic product extension required remote control No product extension required remote control No statistic product extension required remote control No protection class IP Statistic Product extension restistic Product extension restistic rest extension rest extension rest extension rest extension rest extension rest extensing to tec 60068-2-27 119/15 ms	•				
product type designation 3RP25 Genaral technical data - product component - • relay output Yes • semi-conductor output No product extension required remote control No product extension optional remote control No power loss [W] maximum 2W insulation voltage for overvoltage category III according to 162.08644 with degree of pollution 3 rated value 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 60068-2-6 10 55 Hz / 0.35 mm mechanical service Iife (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating to full-scale value 5 %, +/- termal current 5 A reative setting accuracy relating to full-scale value 5 %, +/- termal current 5 A reference code according to IEC 81346-2 K relative setting accuracy 1	design of the product				
product component • relay output Yes • semi-conductor output No product extension optional remote control No power loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 60064 with degree of pollution 3 rated value 300 V test voltage for isolation test 2.5 kV degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP 100 0000 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 (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical adjustable time recovery time 0.05 s 100 h reference code according to IEC 81346-2 K K K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) 09/12/2014 Control durcult/ Control 09/12/2014 Control supply voltage frequency 1 e at 50 Hz 12 240 V e at 60 Hz 12 240 V e at 60 Hz 12 240 V e at 0C 60 Hz control supply voltage frequency 1 e at DC 50 60 Hz	product type designation				
	General technical data				
• semi-conductor output No product extension required remote control No product extension optional remote control No power loss [M] maximum 2 W insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value 200 V test voltage for isolation test 2.5 kV degree of pollution 3 surge voltage resistance rated value 4000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-61 10 05 Hz / 0.35 mm mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating typics) typical 100 000 adjustable time 0.05 s 100 h reletive setting accuracy relating to full-scale value 5 %; +/- reference code according to IEC 81346-2 K reletive repeat accuracy 1 %; +/- influence 1 %; +/- power supply influence 1 %; in the whole temperature range to the set runtime pow	product component				
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product extension optional remote control No power loss [W] maximum 2 W insultation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value 300 V 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 60068-2-67 10, .55 Hz / 0.35 mm mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 10 000 000 adjustable time 0.05 s 100 h recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature 1%; in the whole temperature range to the set runtime power supply influence 1 %; in the whole toultage range to the set runtime power supply voltage of the control supply voltage AC/DC control supply voltage 1 at AC 12 240 V e at 60 Hz 12 240 V e at 60 Hz 12 240 V e at 0C 60 Hz e at DC 60 Hz e at DC 60 Hz <	 semi-conductor output 	No			
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Insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value 300 V test voltage for isolation test 2.5 kV degree of pollution 3 3 surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 11g / 15 ms wibration resistance according to IEC 60068-2-6 I055 Hz / 0.35 mm mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical 20.00 000 adjustable time 0.05 s 100 h relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature 1% in the whole temperature range to the set runtime power supply influence 100 V Substance Prohibitance (Date) 09/12/2014 Control circuit/ Control 12 240 V e at 60 Hz 12 240 V e at 60 Hz 12 240 V e at 00 Hz 12 240 V <	product extension optional remote control	No			
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electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time100 000adjustable time0.05 s 100 hrelative setting accuracy relating to full-scale value thermal current5 Årecovery time5 Årecovery time250 msreference code according to IEC 81346-2 relative repeat accuracyKrelative repeat accuracy1 %; +/-influence of the surrounding temperature power supply influence1% in the whole temperature range to the set runtime 09/12/2014Control circuit/ Control09/12/2014Control supply voltage 1 at AC • at 50 Hz12 240 V• at 50 Hz • at DC12 240 V• at DC • at DC12 240 V• at DC • at DC12 240 V• at DC • at DC12 240 V	vibration resistance according to IEC 60068-2-6	10 55 Hz / 0.35 mm			
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recovery time250 msreference code according to IEC 81346-2Krelative repeat accuracy1 %; +/-influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence1% in the whole voltage range to the set runtimeSubstance Prohibitance (Date)09/12/2014Control circuit/ Controltype of voltage of the control supply voltage control supply voltage 1 at AC• at 50 Hz12 240 V• at 60 Hz12 240 Vcontrol supply voltage frequency 150 60 Hzcontrol supply voltage 14DC• at DC12 240 V• at DC12 240 V	relative setting accuracy relating to full-scale value	5 %; +/-			
reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- 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 Substance Prohibitance (Date) 09/12/2014 Control circuit/ Control 09/12/2014 Control supply voltage of the control supply voltage AC/DC • at 50 Hz 12 240 V • at 60 Hz 12 240 V control supply voltage frequency 1 50 60 Hz • at 0 Hz 12 240 V • at 0 Hz 12 240 V • at 0 DC 12 240 V • at DC 12 240 V	thermal current	5 A			
relative repeat accuracy1 %; +/-influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence1% in the whole voltage range to the set runtimeSubstance Prohibitance (Date)09/12/2014Control circuit/ ControlControl supply voltage of the control supply voltagetype of voltage of the control supply voltageAC/DCe at 50 Hz12 240 V• at 60 Hz12 240 Vcontrol supply voltage frequency 150 60 Hz• at DC12 240 V• at DC12 240 V• at DC12 240 V• at DC12 240 V	recovery time	250 ms			
influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence1% in the whole temperature range to the set runtimeSubstance Prohibitance (Date)09/12/2014Control circuit/ ControlAC/DCcontrol supply voltage 1 at ACAC/DC• at 50 Hz12 240 V• at 60 Hz50 60 Hzcontrol supply voltage frequency 150 60 Hz• at DC12 240 V• at DC12 240 V	reference code according to IEC 81346-2	К			
power supply influence1% in the whole voltage range to the set runtime 09/12/2014Control circuit/ Control09/12/2014Control circuit/ ControlAC/DCcontrol supply voltage 1 at ACAC/DC• at 50 Hz12 240 V• at 60 Hz12 240 Vcontrol supply voltage frequency 150 60 Hzcontrol supply voltage 140 V• at DC12 240 V• at DC12 240 V• at DC12 240 V	relative repeat accuracy	1 %; +/-			
Substance Prohibitance (Date) 09/12/2014 Control circuit/ Control type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC • at 50 Hz 12 240 V • at 60 Hz 12 240 V control supply voltage frequency 1 50 60 Hz control supply voltage frequency 1 12 240 V operating range factor control supply voltage rated 12 240 V	influence of the surrounding temperature	1% in the whole temperature range to the set runtime			
Control circuit/ Control AC/DC type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC 12 240 V • at 50 Hz 12 240 V • at 60 Hz 12 240 V control supply voltage frequency 1 50 60 Hz control supply voltage 1 12 240 V • at DC 12 240 V operating range factor control supply voltage rated 12 240 V	power supply influence	1% in the whole voltage range to the set runtime			
type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC - • at 50 Hz 12 240 V • at 60 Hz 12 240 V control supply voltage frequency 1 50 60 Hz control supply voltage 1 - • at DC 12 240 V operating range factor control supply voltage rated -	Substance Prohibitance (Date)	09/12/2014			
control supply voltage 1 at AC 12 240 V • at 50 Hz 12 240 V • at 60 Hz 12 240 V control supply voltage frequency 1 50 60 Hz control supply voltage 1 12 240 V • at DC 12 240 V operating range factor control supply voltage rated 12 240 V	Control circuit/ Control				
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control supply voltage frequency 1 50 60 Hz control supply voltage 1 12 240 V operating range factor control supply voltage rated 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		12 240 V			
• at DC 12 240 V operating range factor control supply voltage rated	control supply voltage frequency 1	50 60 Hz			
operating range factor control supply voltage rated					
	• at DC	12 240 V			
	operating range factor control supply voltage rated value at DC				
• initial value 0.8	initial value	0.8			

 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
	1.1
operating range factor control supply voltage rated	
value at AC at 60 Hz	
 initial value 	0.8
 full-scale value 	1.1
inrush current peak	
• at 24 V	0.4 A
• at 240 V	5 A
duration of inrush current peak	
• at 24 V	0.3 ms
• at 240 V	0.5 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	
 flashing symmetrically with interval 	No
start/instantaneous	
 flashing symmetrically with interval start 	No
 flashing symmetrically with pulse start/instantaneous 	No
 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
-	No
pulse delayed	
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	
material of switching contacts	AgSnO2
number of NC contacts	0
	0
delayed switching	0
instantaneous contact	0
number of NO contacts	

 delayed switching 					
	0				
 instantaneous contact 	0				
number of CO contacts					
 delayed switching 	1				
 instantaneous contact 	0				
operational current of auxiliary contacts at AC-15					
• at 24 V	3 A				
• at 250 V	3 A				
operational current of auxiliary contacts at DC-13					
• at 24 V	1 Δ				
• at 125 V	1A 02A				
	0.2 A 0.1 A				
• at 250 V					
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 $\sqrt{5}$ mA)				
contact action of conditions contacts according to UI	V, 5 mA)				
contact rating of auxiliary contacts according to UL	R300 / B300				
switching capacity current with inductive load	0.01 3 A				
Inputs/ Outputs					
product function					
 at the relay outputs switchover delayed/without 	No				
delay					
non-volatile	No				
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	2 kV				
61000-4-5					
 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					
	Basic insulation				
type of insulation	Dasic insulation				
51	none				
category according to EN 954-1					
category according to EN 954-1 Connections/ Terminals	none				
category according to EN 954-1					
category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit	none Yes				
category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit	none				
category according to EN 954-1 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	none Yes screw-type terminals				
category according to EN 954-1 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	none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²)				
category according to EN 954-1 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	none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²)				
category according to EN 954-1 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 • at AWG cables solid	none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²) 1x (20 12), 2x (20 14)				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded	none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²)				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section	none Yes 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)				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid	none Yes 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				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • solid • finely stranded with core end processing	none Yes 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)				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross	none Yes 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				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross-section	none Yes 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				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid	none Yes 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				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • solid • solid • stranded	none Yes screw-type terminals $1x (0.5 \dots 4.0 \text{ mm}^2), 2x (0.5 \dots 2.5 \text{ mm}^2)$ $1x (0.5 \dots 4 \text{ mm}^2), 2x (0.5 \dots 1.5 \text{ mm}^2)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 12$ $20 \dots 12$ $20 \dots 14$				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque	none Yes screw-type terminals $1x (0.5 \dots 4.0 \text{ mm}^2), 2x (0.5 \dots 2.5 \text{ mm}^2)$ $1x (0.5 \dots 4 \text{ mm}^2), 2x (0.5 \dots 1.5 \text{ mm}^2)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 0.8 \text{ N·m}$				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw	none Yes screw-type terminals $1x (0.5 \dots 4.0 \text{ mm}^2), 2x (0.5 \dots 2.5 \text{ mm}^2)$ $1x (0.5 \dots 4 \text{ mm}^2), 2x (0.5 \dots 1.5 \text{ mm}^2)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 12$ $20 \dots 12$ $20 \dots 14$				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque	none Yes screw-type terminals $1x (0.5 \dots 4.0 \text{ mm}^2), 2x (0.5 \dots 2.5 \text{ mm}^2)$ $1x (0.5 \dots 4 \text{ mm}^2), 2x (0.5 \dots 1.5 \text{ mm}^2)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 0.8 \text{ N·m}$				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw	none Yes screw-type terminals $1x (0.5 \dots 4.0 \text{ mm}^2), 2x (0.5 \dots 2.5 \text{ mm}^2)$ $1x (0.5 \dots 4 \text{ mm}^2), 2x (0.5 \dots 1.5 \text{ mm}^2)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 0.8 \text{ N·m}$				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions	none Yes screw-type terminals $1x (0.5 \dots 4.0 \text{ mm}^2), 2x (0.5 \dots 2.5 \text{ mm}^2)$ $1x (0.5 \dots 4 \text{ mm}^2), 2x (0.5 \dots 1.5 \text{ mm}^2)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $1x (20 \dots 12), 2x (20 \dots 14)$ $0.5 \dots 4 \text{ mm}^2$ $0.5 \dots 0.8 \text{ N·m}$ M3				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position	none Yes 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 12 3 any				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method	none Yes 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 0.5 4 mm² 0.5 4 mm² any screw and snap-on mounting onto 35 mm DIN rail				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height	none Yes 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 0.5 4 mm² 0.5 4 mm² any screw and snap-on mounting onto 35 mm DIN rail 100 mm				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width	none Yes 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 12 20 14 0.6 0.8 N·m M3				
category according to EN 954-1 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 • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth	none Yes 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 12 20 14 0.6 0.8 N·m M3				

 forwards backwards upwards downwards at the side for grounded parts for grounded parts backwards backwards upwards at the side downwards for live parts for live parts for live parts backwards backwards upwards at the side downwards at the side at the side backwards at the side backwards backwards at the side downwards at the side 		0 mm 0 mm					
installation altitude at height above sea leve ambient temperature	el maximum	2 000 m					
during operation		-25 +60 °C					
 during storage 		-40 +85 °C					
 during transport 		-40 +85 °C					
relative humidity during operation		10 95 %					
Certificates/ approvals							
	<u>Confirmation</u>	<u>on</u>	UL III	EHC	RCM		
Declaration of Conformity	Test Certifica	ates Marin	e / Shipping				
CE UK EG-Konf. CA	<u>Type Test Ce</u> <u>ates/Test Re</u>			Lloyd's Register urs	PRS		
Marine / Shipping		other					
RINA RMRS	ENVICE ENVICEMENT	Co	nfirmation				
Further information							
Information- and Downloadcenter (Catalogs, Brochures,)							
https://www.siemens.com/ic10							
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/e	n/Catalog/product	t?mlfb=3RP252	5-1AW30				
Cax online generator							
http://support.automation.siemens.com/WW			1&mlfb=3RP252	<u>25-1AW30</u>			
Service&Support (Manuals, Certificates, https://support.industry.siemens.com/cs/ww							
Image database (product images, 2D din			device circuit	diagrams, EPLAN mac	cros,)		
http://www.automation.siemens.com/bilddb							
Characteristic: Derating https://support.industry.siemens.com/cs/ww	//en/ns/3RP2525_	1AW30/manual					





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