SIEMENS



Reference: 3RT1024-1AN20

CONTACTOR, AC-3 5,5 KW/400 V, AC 220V 50/60HZ 3-POLE, SIZE S0, SCREW CONNECTION

Buy it at Electric Automation Network



product brand name Product designation power contactor General technical data: Size of contactor So Degree of pollution 3 Protection class IP on the front IP20 of the terminal Mechanical service life (switching cycles) of contactor typical of the contactor with atd> 5 000 000 of the contactor with atd> 10 000 000 of the contactor with atd> 10 000 000 Ambient conditions: Installation altitude at height above sea level maximum Ambient temperature during operation -25 +60 °C Main circuit: Number of NO contacts for main contacts 3 Number of NC contacts for main contacts 0 Operating current at AC-1 at 400 V				
General technical data: Size of contactor Degree of pollution 3 Protection class IP on the front IP20 of the terminal Mechanical service life (switching cycles) of contactor typical of the contactor with atd> 5 000 000 of the contactor with atd> 10 000 000 Ambient conditions: Installation altitude at height above sea level maximum Ambient temperature during operation -25 +60 °C Main circuit: Number of NO contacts for main contacts 3 Number of NC contacts for main contacts O perating current	product brand name	SIRIUS		
Size of contactor Degree of pollution 3 Protection class IP on the front IP20 Of the terminal Mechanical service life (switching cycles) of contactor typical of the contactor with atd> 5 000 000 of the contactor with atd> 10 000 000 Ambient conditions: Installation altitude at height above sea level maximum Ambient temperature during operation -25 +60 °C Main circuit: Number of NO contacts for main contacts 3 Number of NC contacts for main contacts Operating current	Product designation	power contactor		
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Protection class IP on the front of the terminal Mechanical service life (switching cycles) of contactor typical of the contactor with atd> of the contactor with atd> for the contacto	Size of contactor	50		
on the front IP20 of the terminal IP20 Mechanical service life (switching cycles) of contactor typical 10 000 000 of the contactor with atd> 5 000 000 of the contactor with atd> 10 000 000 Ambient conditions: Installation altitude at height above sea level maximum 2 000 m Ambient temperature during operation -25 +60 °C Main circuit: Number of NO contacts for main contacts 3 Number of NC contacts for main contacts 0 Operating current	Degree of pollution	3		
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Ambient conditions: Installation altitude at height above sea level maximum 2 000 m Ambient temperature during operation -25 +60 °C Main circuit: Number of NO contacts for main contacts 3 Number of NC contacts for main contacts 0 Operating current	of the contactor with atd>	5 000 000		
Installation altitude at height above sea level maximum 2 000 m Ambient temperature during operation -25 +60 °C Main circuit: Number of NO contacts for main contacts 3 Number of NC contacts for main contacts 0 Operating current	of the contactor with atd>	10 000 000		
Ambient temperature during operation -25 +60 °C Main circuit: Number of NO contacts for main contacts 3 Number of NC contacts for main contacts 0 Operating current	Ambient conditions:			
during operation -25 +60 °C Main circuit: Number of NO contacts for main contacts 3 Number of NC contacts for main contacts 0 Operating current	Installation altitude at height above sea level maximum	2 000 m		
Main circuit: Number of NO contacts for main contacts Number of NC contacts for main contacts Operating current	Ambient temperature			
Number of NO contacts for main contacts 3 Number of NC contacts for main contacts 0 Operating current	during operation	-25 +60 °C		
Number of NC contacts for main contacts 0 Operating current	Main circuit:			
Operating current	Number of NO contacts for main contacts	3		
	Number of NC contacts for main contacts	0		
at AC-1 at 400 V	Operating current			
	at AC-1 at 400 V			

— at ambient temperature 40 °C rated value	40 A
at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	40 A
— up to 690 V at ambient temperature 60 °C rated value	35 A
at AC-3	
— at 400 V rated value	12 A
Operating current	
at 1 current path at DC-1	
— at 24 V rated value	35 A
— at 110 V rated value	4.5 A
with 2 current paths in series at DC-1	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
with 3 current paths in series at DC-1	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
Operating current	
at 1 current path at DC-3 at DC-5	
— at 24 V rated value	20 A
— at 110 V rated value	2.5 A
with 2 current paths in series at DC-3 at DC-5	
— at 110 V rated value	15 A
— at 24 V rated value	35 A
with 3 current paths in series at DC-3 at DC-5	
— at 110 V rated value	35 A
— at 24 V rated value	35 A
Operating power	
at AC-1	
— at 400 V rated value	23 kW
at AC-2 at 400 V rated value	5.5 kW
at AC-3	
— at 400 V rated value	5.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	7.5 kW
Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor	0.5 W
Control circuit/ Control:	

control supply voltage at AC at 50 Hz rated value 220 V at 60 Hz rated value 220 V Control supply voltage frequency 1 rated value 50 Hz Control supply voltage frequency 2 rated value Control supply voltage frequency 2 rated value Operating range factor control supply voltage rated value of 0 Hz Apparent pick-up power of magnet coil at AC Apparent pick-up power of magnet coil at AC Apparent holding power of magnet coil at AC Apparent power factor with the holding power of the coil Apparent power of NC contacts for auxiliary contacts — instantaneous contact O Operating current at AC-12 — instantaneous contact O Operating current at AC-12 — instantaneous contact O Operating current at AC-13 — at 230 V rated value 3 A Operating current at DC-12 at 60 V rated value 3 A 3 A 3 A 4 220 V rated value 1 A 4 50 V rated value 1 A 4 10 V rated value 1 A 4 20 V rated value 3 A 5 A 5 A 5 A 5 A 5 A 5 A 6 A 6	Type of voltage of the control supply voltage	AC
at 60 Hz rated value 220 V Control supply voltage frequency 1 rated value 50 Hz Control supply voltage frequency 2 rated value 60 Hz Operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz 0.8 1.1 at 50 Hz 0.85 1.1 Apparent pick-up power of magnet coil at AC 64 VA 61 folductive power factor with closing power of the coil 0.72 Apparent holding power of magnet coil at AC 8.4 VA 1 inductive power factor with the holding power of the coil 0.24 Auxiliary circuit: Number of NC contacts for auxiliary contacts - instantaneous contact 0 0 Number of NO contacts for auxiliary contacts - instantaneous contact 0 0 Operating current at AC-12 maximum 10 A 0 Operating current at AC-15 at 230 V rated value 6 A 6 A 110 V rated value 3 A 6 A 6 A 110 V rated value 14 00 V rated value 15 A 6 A 110 V rated value 14 COperating current at DC-13 at 220 V rated value 10 A 14 COperating current at DC-13 at 24 V rated value 10 A 14 COperating current at DC-13 at 24 V rated value 10 A 14 COperating current at DC-13 at 220 V rated value 10 A 14 COperating current at DC-13 at 220 V rated value 10 A 14 COperating current at DC-13 at 220 V rated value 10 A 15 COPERATION 10 COPERA	Control supply voltage at AC	
Control supply voltage frequency 1 rated value 50 Hz Control supply voltage frequency 2 rated value 60 Hz Operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz	at 50 Hz rated value	220 V
Control supply voltage frequency 2 rated value Operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz	at 60 Hz rated value	220 V
Operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz Operating range factor with closing power of the coil Inductive power factor with closing power of the coil O,72 Apparent holding power of magnet coil at AC Auxiliary circuit: Number of NC contacts for auxiliary contacts — instantaneous contact — instantaneous contact — instantaneous contact — instantaneous contact — operating current at AC-12 maximum Operating current at AC-12 maximum 10 A Operating current at DC-12 at 60 V rated value at 400 V rated value at 110 V rated value 11 A Operating current at DC-13 at 22 V rated value 12 A V rated value 13 A Operating current at DC-13 at 22 V rated value 14 A0 V rated value 15 A C A Operating current at DC-13 at 22 V rated value 16 V rated value 17 A Operating current at DC-13 at 22 V rated value 18 A C A Operating current at DC-13 at 22 V rated value 19 A C A Operating current at DC-13 at 22 V rated value 10 A Operating current at DC-13 at 22 V rated value 10 A A C A Operating current at DC-13 at 22 V rated value 10 A A C A Auxiliary contacts A C A Auxiliary cont	Control supply voltage frequency 1 rated value	50 Hz
value of magnet coil at AC 0.8 1.1 at 50 Hz 0.85 1.1 Apparent pick-up power of magnet coil at AC 64 VA Inductive power factor with closing power of the coil 0.72 Apparent holding power of magnet coil at AC 8.4 VA Inductive power factor with the holding power of the coil 0.24 Auxiliary circuit: Number of NC contacts 0 for auxiliary contacts 0 — instantaneous contact 0 Operating current at AC-12 maximum 10 A Operating current at AC-15 3 A at 230 V rated value 6 A at 100 V rated value 3 A operating current at DC-12 3 A at 24 V rated value 1 A operating current at DC-13 1 10 A at 24 V rated value 1 A operating current at DC-13 1 10 A at 24 V rated value 1 A at 20 V rated value 1 A at 24 V rated value 1 A at 20 V rated value 1 A at 20 V rated value 1 A	Control supply voltage frequency 2 rated value	60 Hz
Apparent pick-up power of magnet coil at AC Apparent pick-up power of magnet coil at AC Apparent holding power of magnet coil at AC Auxillary circuit: Number of NC contacts For auxillary contacts - instantaneous contact - instantaneous contact Operating current at AC-12 maximum Operating current at AC-12 maximum Operating current at AC-15 at 230 V rated value at 400 V rated value at 110 V rated value at 110 V rated value at 220 V rated value at 220 V rated value at 60 V rated value at 60 V rated value at 60 V rated value at 110 V rated value at 60 V rated value at 24 V rated value at 100 V rated value at 110 V rated value at 200 V rated value at 110 V rated value at 24 V rated value at 25 V rated value at 110 V rated value at 110 V rated value at 110 V rated value at 20 V rated value		
Inductive power of magnet coil at AC Inductive power factor with closing power of the coil Apparent holding power of magnet coil at AC Apparent holding power of magnet coil at AC Auxillary circuit: Number of NC contacts For auxillary contacts Inductive power factor with the holding power of the coil Auxillary circuit: Number of NC contacts Instantaneous contact Instantaneous c	at 50 Hz	0.8 1.1
Apparent holding power of magnet coil at AC Apparent holding power of magnet coil at AC Inductive power factor with the holding power of the coil Auxiliary circuit: Number of NC contacts for auxiliary contacts - instantaneous contact O Number of NO contacts for auxiliary contacts - instantaneous contact O Operating current at AC-12 maximum Operating current at AC-15 at 230 V rated value at 400 V rated value at 110 V rated value at 220 V rated value 10 A Operating current at DC-13 at 24 V rated value 110 V rated value 120 V rated value 120 V rated value 13 A Operating current at DC-13 at 24 V rated value 14 O V rated value 15 O V rated value 16 O V rated value 17 O Operating current at DC-13 at 24 V rated value 18 O V rated value 19 O A Operating current at DC-13 at 24 V rated value 19 O A Operating current at DC-13 at 24 V rated value 10 A Operating current at DC-13 at 24 V rated value 17 O A Operating current at DC-13 at 24 V rated value 18 O V rated value 19 O A Operating current at DC-13 at 24 V rated value 19 O A Operating current at DC-13 at 24 V rated value 19 O A Operating current at DC-13 at 24 V rated value 19 O A Operating current at DC-13 at 24 V rated value 19 O A Operating current at DC-13 at 24 V rated value 19 O A Operating current at DC-13 at 24 V rated value 19 O A Operating current at DC-13 at 24 V rated value 19 O A Operating current at DC-13 at 24 V rated value 19 O A Operating current at DC-13 at 24 V rated value 19 O A Operating current at DC-13 at 24 V rated value 19 O A Operating current at DC-13 at 25 O V rated value 10 O A Operating current at DC-13 at 26 O V rated value 19 O A Operating current at DC-13 at 27 O V rated value 19 O Operating current at DC-13 at 28 O V rated value 19 O Operating current at DC-13 at 29 O V rated value 19 O Operating current at DC-13 at 29 O V rated value 19 O Operating current at DC-13 at 29 O V rated value 19 O Operating current at DC-13 at 29 O V rated value 19 O Operating current at DC-13 at 29 O V rated value 19 O Operating current at DC-13 at 29 O V	at 60 Hz	0.85 1.1
Apparent holding power of magnet coil at AC Inductive power factor with the holding power of the coil O.24 Auxillary circuit: Number of NC contacts for auxillary contacts — instantaneous contact O. Number of NO contacts for auxillary contacts — instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 at 230 V rated value At 400 V rated value At 110 V rated value At 220 V rated value At 24 V rated value At 27 V rated value At 28 V rated value At 29 V rated value At 20 V	Apparent pick-up power of magnet coil at AC	64 V·A
Inductive power factor with the holding power of the coil Auxiliary circuit: Number of NC contacts for auxiliary contacts — instantaneous contact Number of NO contacts for auxiliary contacts — instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 at 230 V rated value at 400 V rated value at 60 V rated value at 110 V rated value at 220 V rated value at 24 V rated value at 60 V rated value at 24 V rated value at 60 V rate	Inductive power factor with closing power of the coil	0.72
Auxiliary circuit: Number of NC contacts - instantaneous contact 0 Number of NO contacts for auxiliary contacts - instantaneous contact 0 Operating current at AC-12 maximum 10 A Operating current at AC-15 at 230 V rated value 6 A at 400 V rated value 3 A Operating current at DC-12 at 60 V rated value 3 A 4 220 V rated value 10 A Operating current at DC-13 at 220 V rated value 10 A Coperating current at DC-13 at 24 V rated value 10 A at 110 V rated value 10 A at 220 V rated value 10 A at 220 V rated value 10 A at 110 V rated value 10 A at 60 V rated value 11 A Coperating current at DC-13 at 24 V rated value 10 A at 110 V rated value 11 A at 220 V rated value 12 A at 110 V rated value 13 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	Apparent holding power of magnet coil at AC	8.4 V·A
Number of NC contacts - instantaneous contact 0 Number of NO contacts for auxiliary contacts - instantaneous contact 0 Operating current at AC-12 maximum 10 A Operating current at AC-15 at 230 V rated value 6 A at 400 V rated value 3 A Operating current at DC-12 at 60 V rated value 3 A 4 t 110 V rated value 1 A Operating current at DC-13 at 24 V rated value 1 0 A 2 A at 110 V rated value 1 A Operating current at DC-13 at 24 V rated value 1 A Coperating current at DC-13 at 24 V rated value 1 A Coperating current at DC-13 at 24 V rated value 1 A 2 A at 110 V rated value 1 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	Inductive power factor with the holding power of the coil	0.24
for auxiliary contacts — instantaneous contact Number of NO contacts for auxiliary contacts — instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 at 230 V rated value at 400 V rated value 5 A at 110 V rated value 10 A Operating current at DC-13 at 24 V rated value 10 A Operating current at DC-13 at 20 V rated value 11 A Operating current at DC-13 at 24 V rated value 10 A at 20 V rated value 11 A Operating current at DC-13 at 24 V rated value 10 A at 20 V rated value 11 A at 220 V rated value 12 A at 110 V rated value 13 A at 24 V rated value 14 A at 220 V rated value 15 A at 24 V rated value 16 A at 110 V rated value 17 A at 220 V rated value 18 A at 220 V rated value 19 A at 220 V rated value 10 A at 220 V rated value 10 A at 220 V rated value 11 A at 220 V rated value 12 A at 220 V rated value 13 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	Auxiliary circuit:	
Number of NO contacts for auxiliary contacts — instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 at 230 V rated value 6 A at 400 V rated value 5 A at 110 V rated value 1 A Operating current at DC-13 at 24 V rated value 1 D Operating current at DC-13 at 20 V rated value 1 A Operating current at DC-13 at 20 V rated value 1 A Operating current at DC-13 at 20 V rated value 1 A Operating current at DC-13 at 24 V rated value 1 A Operating current at DC-13 at 24 V rated value 1 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	Number of NC contacts	
Number of NO contacts for auxiliary contacts — instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 at 230 V rated value 6 A at 400 V rated value 3 A Operating current at DC-12 at 60 V rated value 6 A at 110 V rated value 1 A Operating current at DC-13 at 24 V rated value 10 A at 60 V rated value 10 A contact reliability of auxiliary contacts I faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	for auxiliary contacts	
for auxiliary contacts — instantaneous contact Operating current at AC-12 maximum 10 A Operating current at AC-15 at 230 V rated value 6 A at 400 V rated value 3 A Operating current at DC-12 at 60 V rated value 6 A at 110 V rated value 1 A Operating current at DC-13 at 24 V rated value 10 A at 20 V rated value 10 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	— instantaneous contact	0
Operating current at AC-12 maximum 10 A Operating current at AC-15 at 230 V rated value 6 A at 400 V rated value 3 A Operating current at DC-12 at 60 V rated value 6 A at 110 V rated value 1 A Operating current at DC-13 at 220 V rated value 1 DO-13 at 24 V rated value 1 DO-13 at 110 V rated value 1 DO-13 at 24 V rated value 1 DO-13 at 25 V rated value 1 DO-13 at 26 V rated value 1 DO-13 at 27 V r	Number of NO contacts	
Operating current at AC-12 maximum 10 A Operating current at AC-15 at 230 V rated value 6 A at 400 V rated value 3 A Operating current at DC-12 at 60 V rated value 6 A at 110 V rated value 1 A Operating current at DC-13 at 220 V rated value 1 A Operating current at DC-13 at 24 V rated value 10 A at 24 V rated value 1 A other in the second of the second of the fuse link Design of the fuse link	for auxiliary contacts	
at 230 V rated value at 400 V rated value at 400 V rated value 3 A Operating current at DC-12 at 60 V rated value 6 A at 110 V rated value 3 A at 220 V rated value 10 A at 24 V rated value 2 A at 110 V rated value 3 A at 220 V rated value 1 A Operating current at DC-13 at 24 V rated value 1 DC-13 at 24 V rated value 1 DC-13 at 20 V rated value 1 DC-13 at 110 V rated value 1 DC-13	— instantaneous contact	0
at 230 V rated value at 400 V rated value 3 A Operating current at DC-12 at 60 V rated value 6 A at 110 V rated value 1 A Operating current at DC-13 at 24 V rated value 10 A at 60 V rated value 1 A Operating current at DC-13 at 24 V rated value 1 A at 20 V rated value 1 A at 20 V rated value 1 A at 20 V rated value 1 A at 210 V rated value 1 A at 220 V rated value 1 A at 220 V rated value 1 A be at 220 V rated value 1 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	Operating current at AC-12 maximum	10 A
at 400 V rated value 3 A Operating current at DC-12 at 60 V rated value 6 A at 110 V rated value 1 A Operating current at DC-13 at 24 V rated value 10 A at 60 V rated value 2 A at 110 V rated value 1 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Design of the fuse link	Operating current at AC-15	
Operating current at DC-12 at 60 V rated value 6 A at 110 V rated value 3 A at 220 V rated value 1 A Operating current at DC-13 at 24 V rated value 2 A at 110 V rated value 2 A at 110 V rated value 1 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Design of the fuse link	at 230 V rated value	6 A
at 60 V rated value at 110 V rated value 3 A at 220 V rated value 1 A Operating current at DC-13 at 24 V rated value 10 A at 60 V rated value 2 A at 110 V rated value 1 A output at 220 V rated value 1 A at 220 V rated value 1 A at 220 V rated value 1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	at 400 V rated value	3 A
at 110 V rated value 3 A at 220 V rated value 1 A Operating current at DC-13 at 24 V rated value 10 A at 60 V rated value 2 A at 110 V rated value 1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	Operating current at DC-12	
at 220 V rated value 1 A Operating current at DC-13 at 24 V rated value 10 A at 60 V rated value 2 A at 110 V rated value 1 A at 220 V rated value 0.3 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	at 60 V rated value	6 A
Operating current at DC-13 at 24 V rated value 10 A at 60 V rated value 2 A at 110 V rated value 1 A at 220 V rated value 0.3 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	at 110 V rated value	3 A
at 24 V rated value at 60 V rated value 2 A at 110 V rated value 1 A at 220 V rated value 0.3 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	at 220 V rated value	1 A
at 60 V rated value at 110 V rated value 1 A at 220 V rated value 0.3 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	Operating current at DC-13	
at 110 V rated value at 220 V rated value 0.3 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	at 24 V rated value	10 A
at 220 V rated value Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	at 60 V rated value	2 A
Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) Short-circuit protection Design of the fuse link	at 110 V rated value	1 A
Short-circuit protection Design of the fuse link	at 220 V rated value	0.3 A
Design of the fuse link	Contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
	Short-circuit protection	
for short-circuit protection of the main circuit	Design of the fuse link	
	for short-circuit protection of the main circuit	

- with type of assignment 2 required fuse gL/gG: 53 A fuse gL/gG: 10 A fuse gL/gE: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gE: 14 fuse gL/gG: 10 A fuse gL/gE: 14 fuse gL/gG: 14 fuse gL/gE: 14 fuse		
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Side-by-side mounting Yes Height 85 mm Witd> 45 mm Depth 91 mm Required spacing for grounded parts — at the side 6 mm Connections/Terminals: Type of electrical connection for main current circuit screw-type terminals Type of connectable conductor cross-sections for main current — solid — innely stranded with core end processing at AWG conductors for main contacts — solid — finely stranded with core end processing at AWG conductors for main contacts — solid — finely stranded with core end processing at AWG conductors — finely stranded with core end processing at AWG conductors for main contacts — solid — finely stranded with core end processing at AWG conductors for main contacts — solid — finely stranded with core end processing at AWG conductors for main contacts — solid — finely stranded with core end processing at AWG conductors for main contacts — solid — finely stranded with core end processing at AWG conductors for main contacts — solid — finely stranded with core end processing at AWG conductors for main contacts — solid — finely stranded with core end processing at AWG conductors for main contacts — solid — finely stranded with core end processing at AWG confluctors for main contacts — solid — finely stranded with core end processing at AWG confluctors for main contacts — solid — finely stranded with core end processing at AWG confluctors for main contacts — solid — finely stranded with core end processing at AWG confluctors for main contacts — solid — finely stranded with core end processing at AWG confluctors for main contacts — solid — finely stranded with core end processing	— with type of coordination 1 required	fuse gL/gG: 63 A
required Installation/ mounting/ dimensions: Mounting type Screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Side-by-side mounting Yes Height 85 mm Witd> 45 mm Depth 91 mm Required spacing for grounded parts — at the side Connections/Terminals: Type of electrical connection for main current circuit screw-type terminals Type of connectable conductor cross-sections for main curtest — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — finely stranded with core end processing at AWG conductors For auxiliary contacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²) Type of connectable conductor cross-sections for auxiliary contacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²) Type of connectable conductor cross-sections for auxiliary contacts — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 2.5 mm²)	— with type of assignment 2 required	fuse gL/gG: 25 A
Screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Side-by-side mounting Yes Height 85 mm Witd> 45 mm Depth 91 mm Required spacing for grounded parts — at the side 6 mm Connections/Terminals: Type of electrical connection for main current circuit screw-type terminals Type of connectable conductor cross-sections for main contacts — solid — single or multi-stranded — finely stranded with core end processing for auxiliary contacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²) 3x (2x (1 2.5 mm²), 2x (2.5 6 mm²) 3x (2x (1 2.5 mm²), 2x (2.5 6 mm²) 3x (2x (1 2.5 mm²), 2x (2.5 6 mm²) 3x (2x (1 2.5 mm²), 2x (2.5 6 mm²) 3x (2x (1 2.5 mm²), 2x (2.5 6 mm²) 3x (2x (1 2.5 mm²), 2x (2.5 6 mm²) 3x (2x (1 2.5 mm²), 2x (2.5 6 mm²) 3x (2x (1 2.5 mm²), 2x (2.5 6 mm²) 3x (2x (1 2.5 mm²), 2x (2.5 6 mm²) 3x (2x (1 2.5 mm²), 2x (2x (1 10), 1x 8) Type of connectable conductor cross-sections 3x (1 2.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 2.5 mm²) 3x (2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 2.5 mm²)		fuse gL/gG: 10 A
side-by-side mounting Yes Height 85 mm Witd> 45 mm Depth 91 mm Required spacing for grounded parts — at the side Connections/Terminals: Type of electrical connection for auxiliary and control current circuit screw-type terminals Type of connectable conductor cross-sections for main cuntacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 2x mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 2x mm²)	Installation/ mounting/ dimensions:	
Height 85 mm Witd> 45 mm Depth 91 mm Required spacing for grounded parts — at the side 6 mm Connections/Terminals: Type of electrical connection for auxiliary and control current circuit screw-type terminals Type of connectable conductor cross-sections for main contacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — single or multi-stranded 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² Type of connectable conductor cross-sections at AWG conductors for main contacts Type of connectable conductor cross-sections at AWG conductors for main contacts Type of connectable conductor cross-sections for auxiliary contacts Type of connectable conductor cross-sections for auxiliary contacts - solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) - finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) - finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)	Mounting type	
Witd> 45 mm Depth 91 mm Required spacing for grounded parts — at the side 6 mm Connections/Terminals: Type of electrical connection for main current circuit screw-type terminals Type of connectable conductor cross-sections for main contacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — single or multi-stranded 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²) at AWG conductors for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²) Type of connectable conductor cross-sections for auxiliary contacts — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	Side-by-side mounting	Yes
Depth 91 mm Required spacing for grounded parts — at the side 6 mm Connections/Terminals: Type of electrical connection for main current circuit screw-type terminals Type of connectable conductor cross-sections for main contacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — single or multi-stranded 2x (1 2.5 mm²), 2x (2.5 6 mm²) at AWG conductors for main contacts Type of connectable conductor cross-sections for auxiliary and control current circuit screw-type terminals — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — single or multi-stranded 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 6 mm²) at AWG conductors for main contacts 2x (16 12), 2x (14 10), 1x 8 Type of connectable conductor cross-sections for auxiliary contacts — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	Height	85 mm
Required spacing for grounded parts — at the side 6 mm Connections/Terminals: Type of electrical connection for main current circuit screw-type terminals Type of connectable conductor cross-sections for main contacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — single or multi-stranded 2x (1 2.5 mm²), 2x (2.5 6 mm²) — finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 6 mm²) at AWG conductors for main contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²) Type of connectable conductor cross-sections for auxiliary contacts — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)	Witd>	45 mm
for grounded parts — at the side 6 mm Connections/Terminals: Type of electrical connection for main current circuit screw-type terminals Type of connectable conductor cross-sections for main contacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — single or multi-stranded 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 6 mm²) at AWG conductors for main contacts 2x (16 12), 2x (14 10), 1x 8 Type of connectable conductor cross-sections for auxiliary contacts — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)	Depth	91 mm
- at the side 6 mm Connections/Terminals: Type of electrical connection for main current circuit screw-type terminals Type of connectable conductor cross-sections for main contacts - solid - single or multi-stranded - finely stranded with core end processing for auxiliary contacts 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²) 2x (1 2.5 mm²), 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) - finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)	Required spacing	
Type of electrical connection for main current circuit for auxiliary and control current circuit Type of connectable conductor cross-sections for main contacts — solid — single or multi-stranded — finely stranded with core end processing for auxiliary contacts — solid	for grounded parts	
Type of electrical connection for main current circuit for auxiliary and control current circuit Type of connectable conductor cross-sections for main contacts — solid — single or multi-stranded — finely stranded with core end processing at AWG conductors for main contacts Type of connectable conductor cross-sections 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²) 2x (16 12), 2x (14 10), 1x 8 Type of connectable conductor cross-sections for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	— at the side	6 mm
for main current circuit for auxiliary and control current circuit Type of connectable conductor cross-sections for main contacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — single or multi-stranded 2x (1 2,5 mm²), 2x (2,5 6 mm²), max. 2x 10 mm² — finely stranded with core end processing 2x (1 2,5 mm²), 2x (2,5 6 mm²) 2x (1 2,5 mm²), 2x (2.5 6 mm²) 2x (1 2,5 mm²), 2x (2.5 6 mm²) 2x (1 2,5 mm²), 2x (2.5 6 mm²) 2x (1 2,5 mm²), 2x (0.75 2,5 mm²) 4x AWG conductors for main contacts 2x (16 12), 2x (14 10), 1x 8 Type of connectable conductor cross-sections for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	Connections/Terminals:	
for auxiliary and control current circuit Type of connectable conductor cross-sections for main contacts — solid — single or multi-stranded — finely stranded with core end processing at AWG conductors for main contacts Type of connectable conductor cross-sections for auxiliary contacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² 2x (1 2.5 mm²), 2x (2.5 6 mm²) 2x (16 12), 2x (14 10), 1x 8 Type of connectable conductor cross-sections for auxiliary contacts — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	Type of electrical connection	
Type of connectable conductor cross-sections for main contacts — solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — single or multi-stranded 2x (1 2,5 mm²), 2x (2,5 6 mm²), max. 2x 10 mm² — finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 6 mm²) at AWG conductors for main contacts 2x (16 12), 2x (14 10), 1x 8 Type of connectable conductor cross-sections for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	for main current circuit	screw-type terminals
for main contacts — solid — solid — single or multi-stranded — finely stranded with core end processing at AWG conductors for main contacts — solid —	for auxiliary and control current circuit	screw-type terminals
— solid 2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm² — single or multi-stranded 2x (1 2,5 mm²), 2x (2,5 6 mm²), max. 2x 10 mm² — finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 6 mm²) at AWG conductors for main contacts 2x (16 12), 2x (14 10), 1x 8 Type of connectable conductor cross-sections 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	Type of connectable conductor cross-sections	
 single or multi-stranded 2x (1 2,5 mm²), 2x (2,5 6 mm²), max. 2x 10 mm² finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 6 mm²) at AWG conductors for main contacts 2x (16 12), 2x (14 10), 1x 8 Type of connectable conductor cross-sections for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 	for main contacts	
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at AWG conductors for main contacts 2x (16 12), 2x (14 10), 1x 8 Type of connectable conductor cross-sections for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	— single or multi-stranded	2x (1 2,5 mm²), 2x (2,5 6 mm²), max. 2x 10 mm²
Type of connectable conductor cross-sections for auxiliary contacts	— finely stranded with core end processing	2x (1 2.5 mm²), 2x (2.5 6 mm²)
for auxiliary contacts	at AWG conductors for main contacts	2x (16 12), 2x (14 10), 1x 8
- solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) - finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	Type of connectable conductor cross-sections	
— solid 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	for auxiliary contacts	
	— solid	
at AWG conductors for auxiliary contacts 2x (20 16), 2x (18 14), 1x 12	— finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
	at AWG conductors for auxiliary contacts	2x (20 16), 2x (18 14), 1x 12