SIEMENS

Data sheet 3RT2035-1SF30



power contactor, AC-3e/AC-3, 41 A, 18.5 kW / 400 V, 3-pole, 83-150 V AC/DC, 50/60 Hz, with integrated varistor, auxiliary contacts: 1 NC, screw terminal, size: S2, F-PLC-IN

product brand name	SIRIUS	
product designation	Power contactor	
product type designation	3RT2	
General technical data		
size of contactor	S2	
product extension		
 function module for communication 	No	
auxiliary switch	Yes	
power loss [W] for rated value of the current		
 at AC in hot operating state 	6.6 W	
 at AC in hot operating state per pole 	2.2 W	
without load current share typical	1.6 W	
type of calculation of power loss depending on pole	quadratic	
insulation voltage		
 of main circuit with degree of pollution 3 rated value 	690 V	
 of auxiliary circuit with degree of pollution 3 rated value 	690 V	
surge voltage resistance		
of main circuit rated value	6 kV	
of auxiliary circuit rated value	6 kV	
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	400 V	
shock resistance at rectangular impulse		
• at AC	7.7g / 5 ms, 4.5g / 10 ms	
• at DC	7.7g / 5 ms, 4.5g / 10 ms	
shock resistance with sine pulse		
• at AC	12g / 5 ms, 7g / 10 ms	
• at DC	12g / 5 ms, 7g / 10 ms	
mechanical service life (operating cycles)		
of contactor typical	5 000 000	
 of the contactor with added electronically optimized auxiliary switch block typical 	5 000 000	
 of the contactor with added auxiliary switch block typical 	5 000 000	
reference code according to IEC 81346-2	Q	
Substance Prohibitance (Date)	01/29/2021	
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5	
Weight	1.13 kg	
Ambient conditions		
installation altitude at height above sea level maximum	2 000 m	
ambient temperature		

during operation	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
at AC-3 rated value maximum	690 V
 at AC-3e rated value maximum 	690 V
operational current	
 at AC-1 at 400 V at ambient temperature 40 °C rated value at AC-1 	60 A
 — up to 690 V at ambient temperature 40 °C rated value 	60 A
 up to 690 V at ambient temperature 60 °C rated value 	55 A
• at AC-3	
— at 400 V rated value	41 A
— at 500 V rated value	41 A
— at 690 V rated value	24 A
• at AC-3e	
— at 400 V rated value	41 A
— at 500 V rated value	41 A
— at 690 V rated value	24 A
● at AC-4 at 400 V rated value	35 A
• at AC-5a up to 690 V rated value	52.8 A
at AC-5b up to 400 V rated value ■	33.2 A
at AC-6a	
— up to 230 V for current peak value n=20 rated value	36.5 A
— up to 400 V for current peak value n=20 rated value	36.5 A
— up to 500 V for current peak value n=20 rated value	36.5 A
— up to 690 V for current peak value n=20 rated value	24 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated value	24.2 A
— up to 400 V for current peak value n=30 rated value	24.2 A
— up to 500 V for current peak value n=30 rated value	24.2 A
— up to 690 V for current peak value n=30 rated value	24 A
minimum cross-section in main circuit at maximum AC-1 rated value	16 mm²
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	22 A
• at 690 V rated value	18.5 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	55 A
— at 60 V rated value	23 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
with 2 current paths in series at DC-1	
— at 24 V rated value	55 A
— at 60 V rated value	45 A
— at 110 V rated value	45 A
— at 220 V rated value	5 A
— at 440 V rated value	1A
— at 600 V rated value	0.8 A
with 3 current paths in series at DC-1	

— at 24 V rated value	55 A
— at 60 V rated value	55 A
— at 110 V rated value	55 A
— at 220 V rated value	45 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
at 1 current path at DC-3 at DC-5	
— at 24 V rated value	35 A
— at 60 V rated value	6 A
— at 220 V rated value	1 A
— at 440 V rated value	0.1 A
— at 600 V rated value	0.06 A
with 2 current paths in series at DC-3 at DC-5	
— at 24 V rated value	55 A
— at 60 V rated value	45 A
— at 110 V rated value	25 A
— at 220 V rated value	5 A
— at 440 V rated value	0.27 A
— at 600 V rated value	0.16 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	55 A
— at 60 V rated value	55 A
— at 110 V rated value	55 A
— at 220 V rated value	25 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.35 A
operating power	
at AC-2 at 400 V rated value	18.5 kW
• at AC-3	
— at 230 V rated value	11 kW
— at 400 V rated value	18.5 kW
— at 500 V rated value	22 kW
— at 690 V rated value	22 kW
• at AC-3e	
— at 230 V rated value	11 kW
— at 400 V rated value	18.5 kW
— at 500 V rated value	22 kW
— at 690 V rated value	22 kW
operating power for approx. 200000 operating cycles at AC-	
4	
at 400 V rated value	11.6 kW
at 690 V rated value	16.8 kW
operating apparent power at AC-6a	
• up to 400 V for current peak value n=20 rated value	25.2 kVA
• up to 500 V for current peak value n=20 rated value	31.6 kVA
• up to 690 V for current peak value n=20 rated value	28.6 kVA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	9.6 kVA
• up to 400 V for current peak value n=30 rated value	16.8 kVA
• up to 500 V for current peak value n=30 rated value	21 kVA
• up to 690 V for current peak value n=30 rated value	28.6 kVA
short-time withstand current in cold operating state up to 40 °C	
 limited to 1 s switching at zero current maximum 	843 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	596 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	400 A; Use minimum cross-section acc. to AC-1 rated value
	241 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	,
limited to 30 s switching at zero current maximum limited to 60 s switching at zero current maximum	196 A; Use minimum cross-section acc. to AC-1 rated value
limited to 60 s switching at zero current maximum	

operating frequency • at AC-2 maximum • at AC-2 maximum • at AC-3 maximum • at Other maximum • at		
a th AC-2 maximum		
• al AC-3 maximum		
1 000 15	• at AC-2 maximum	750 1/h
A SAC A- Maximum Sol 1	• at AC-3 maximum	1 000 1/h
Southard Circuit/ Control upply voltage at AC	• at AC-3e maximum	1 000 1/h
type of voltage of the control supply voltage at AC ACIDC at 50 Hz rated value 83 150 V at 60 Hz rated value 83 150 V control supply voltage at DC rated value 83 150 V operating range factor control supply voltage rated value of magnet coil at DC initial value 0.8 operating range factor control supply voltage rated value of magnet coil at DC initial value 0.8 operating range factor control supply voltage rated value of magnet coil at DC in the supply voltage rated value of magnet coil at DC in the supply voltage rated value of magnet coil at AC in the supply voltage rated value of magnet coil at DC in the supply voltage at DC control input according to IEC 60947-1 in The Day 1 mm and the supply voltage at DC control input according to IEC 60947-1 in The Day 1 mm and the supply voltage at DC control input according to IEC 60947-1 in The Day 1 mm and the supply voltage at DC in the surge suppressor with variator in fursh current peak in the surge suppressor with variator in sub current peak in the surge suppressor with variator in fursh current peak in the surge suppressor with variator in fursh current peak in the surge suppressor with variator in fursh current peak in the surge suppressor with variator in fursh current peak in the surge suppressor with variator in fursh current peak in the surge suppressor with variator in fursh current peak in the surge suppressor with variator in fursh current peak in the surge suppressor with surge	• at AC-4 maximum	300 1/h
control supply voltage at AC at 50 Hz rated value 83 150 V at 50 Hz rated value 83 150 V control supply voltage at DC rated value 83 150 V control supply voltage at DC rated value of magnet coil at DC 83 150 V at 160 Hz value 0.8 a Hills-calle value 0.8 operating range factor control supply voltage rated value of magnet coil at AC 0.8 1.1 a at 50 Hz 0.8 1.1 yeo of PLC-control input according to IEC 69947-1 Type 1 consumed current at PLC-control input according to IEC 69947-1 Type 1 consumed current at PLC-control input according to IEC 69947-1 Type 1 consumed current at PLC-control input according to IEC 69947-1 Type 1 consumed current at PLC-control input according to IEC 69947-1 Type 1 consumed current at PLC-control input according to IEC 69947-1 Type 1 voltage at PLC-control input according to IEC 69947-1 Type 1 consumed current at PLC-control input according to IEC 69947-1 Type 1 consumed current at PLC-control input according to IEC 69947-1 Type 1 consumed current at PLC-control input according to IEC 69947-1 Type 1	Control circuit/ Control	
* al 50 Hz rated value * al 60 Hz rated value control supply vottage at DC rated value operating range factor control supply vottage rated value of signet coil at C * initial value * full-coale value operating range factor control supply vottage rated value of saper coil at AC * al 60 Hz * at 60	type of voltage of the control supply voltage	AC/DC
* at 60 Hz rated value	control supply voltage at AC	
control supply voltage at DC rated value operating range factor control supply voltage rated value of enginet coil at DC enginete co	• at 50 Hz rated value	83 150 V
Special Col and Act	at 60 Hz rated value	83 150 V
magnet coil at DC	control supply voltage at DC rated value	83 150 V
• full-scale value 1.1		
Operating range factor control supply voltage rated value of magnet coil at AC 0.8 1.1 0.8	• initial value	0.8
	full-scale value	1.1
• at 80 Hz		
type of PLC-control input according to IEC 60947-1 Type 1 consumed current at PLC-control input according to IEC 69947-1 maximum 11 mA voltage at PLC-control input rated value 24 V operating range factor of the voltage at PLC-control input 0.8 1.1 design of the surge suppressor with variator inrush current peak 25 A duration of inrush current peak 0.94 A locked-rotor current mean value 0.94 A locked-rotor current peak 0.8 A duration of locked-rotor current 230 ms holding current mean value 0.915 A apparent pick-up power of magnet coil at AC 40 VA at 50 Hz 40 VA a st onlinimum rated control supply voltage at DC 2 VA a transimum rated control supply voltage at AC 2 VA - at 50 Hz 2 VA - at 60 Hz 2 VA	● at 50 Hz	0.8 1.1
consumed current at PLC-control input according to IEC 11 mA 69947-1 maximum routed value 24 V operating range factor of the voltage at PLC-control input design of the surge suppressor with varistor inrush current peak 25 A duration of inrush current peak 10 µs locked-rotor current mean value 0.34 A locked-rotor current peak 0.8 A duration of locked-rotor current 230 ms holding current mean value 0.016 A apparent pick-up power of magnet coil at AC 40 VA • at 50 Hz 40 VA • at maximum rated control supply voltage at DC 2 VA • at maximum rated control supply voltage at DC 2 VA • at maximum rated control supply voltage at AC 2 VA - at 60 Hz 2 VA • at maximum rated control supply voltage at AC 2 VA - at 60 Hz 2 VA • at 850 Hz 2 VA • at 850 Hz 2 VA • at 60 Hz 0.95	● at 60 Hz	0.8 1.1
69947- maximum 24 V voltage at PLC-control input rated value 24 V operating range factor of the voltage at PLC-control input 0.81.1 design of the surge suppressor with varistor inrush current peak 10 µs locked-rotor current peak 0.8.A duration of locked-rotor current 230 ms holding current mean value 0.015 A apparent pick-up power of magnet coil at AC 40 VA a 150 Hz 40 VA a 160 Hz 40 VA a parant holding power 2 VA a 150 Hz 2	type of PLC-control input according to IEC 60947-1	Type 1
operating range factor of the voltage at PLC-control input 0.8 1.1 design of the surge suppressor with varistor Inrush current peak 25 A duration of inrush current peak 10 µs locked-rotor current mean value 0.34 A locked-rotor current peak 8.8 A duration of locked-rotor current 20 ms holding current mean value 0.015 A apparent pick-up power of magnet coil at AC 40 VA a t50 Hz 40 VA a t50 Hz 40 VA a tax minimum rated control supply voltage at DC 2 VA a t minimum rated control supply voltage at DC 2 VA at maximum rated control supply voltage at AC 2 VA — at 50 Hz 2 VA a tax maximum rated control supply voltage at AC 2 VA — at 50 Hz 2 VA a tax maximum rated control supply voltage at AC 2 VA — at 50 Hz 2 VA a to Bch Z		11 mA
With variation With variation Inrush current peak 25 A	voltage at PLC-control input rated value	24 V
Inrush current peak 25 A duration of inrush current peak 10 µs locked-rotor current mean value 0.34 A locked-rotor current peak 0.8 A duration of locked-rotor current 230 ms holding current mean value 0.015 A apparent plock-up power of magnet coil at AC *** • at 50 Hz 40 VA • at minimum rated control supply voltage at DC 2 VA • at minimum rated control supply voltage at DC 2 VA • at minimum rated control supply voltage at AC 2 VA • at maximum rated control supply voltage at AC 2 VA • at 50 Hz 2 VA • at maximum rated control supply voltage at AC 2 VA • at 80 Hz 2 VA • at 50 Hz 0 A • at 50 Hz 0 NS • at 60 Hz 0 NS <td>operating range factor of the voltage at PLC-control input</td> <td>0.8 1.1</td>	operating range factor of the voltage at PLC-control input	0.8 1.1
duration of inrush current peak 10 µs locked-rotor current mean value 0.34 A locked-rotor current peak 0.8 A duration of locked-rotor current 230 ms holding current mean value 0.015 A apparent pick-up power of magnet coil at AC at 50 Hz	design of the surge suppressor	with varistor
Iocked-rotor current peak 0.8 A duration of locked-rotor current 2.30 ms holding current mean value 0.015 A apparent pick-up power of magnet coil at AC 40 VA • at 50 Hz 40 VA • at minimum rated control supply voltage at DC 2 VA • at minimum rated control supply voltage at DC 2 VA • at minimum rated control supply voltage at DC 2 VA • at minimum rated control supply voltage at AC 2 VA • at 50 Hz 2 VA • at 60 Hz 2 VA • at 60 Hz 0 VA <tr< td=""><td>inrush current peak</td><td>25 A</td></tr<>	inrush current peak	25 A
Cocked-rotor current peak 0.8 A	duration of inrush current peak	10 μs
duration of locked-rotor current 230 ms holding current mean value 0.015 A apparent pick-up power of magnet coil at AC 40 VA • at 50 Hz 40 VA • at 60 Hz 40 VA apparent holding power 2 VA • at minimum rated control supply voltage at DC 2 VA at maximum rated control supply voltage at DC 2 VA apparent holding power 2 VA • at minimum rated control supply voltage at AC 2 VA — at 50 Hz 2 VA • at maximum rated control supply voltage at AC 2 VA — at 60 Hz 2 VA • at maximum rated control supply voltage at AC 2 VA — at 50 Hz 2 VA • at 00 Hz 2 VA • at 50 Hz 9 VA • at 50 Hz 0 VA • at 50 Hz 0 VA • at 60 Hz </td <td>locked-rotor current mean value</td> <td>0.34 A</td>	locked-rotor current mean value	0.34 A
holding current mean value 0.015 A apparent pick-up power of magnet coil at AC 40 VA e at 50 Hz 40 VA apparent holding power 2 VA e at minimum rated control supply voltage at DC 2 VA apparent holding power - at maximum rated control supply voltage at AC — at 50 Hz 2 VA — at 60 Hz 2 VA — at 60 Hz 2 VA — at 60 Hz 2 VA apparent holding power of magnet coil at AC 2 VA — at 60 Hz 2 VA apparent holding power of magnet coil at AC 2 VA at a ki bit z 2 VA at bit z 2 VA at 50 Hz 2 VA at 60 Hz 2 VA at 60 Hz 2 VA at 60 Hz 0 Ne at 60 Hz <td< td=""><td>locked-rotor current peak</td><td>0.8 A</td></td<>	locked-rotor current peak	0.8 A
apparent pick-up power of magnet coil at AC	duration of locked-rotor current	230 ms
	holding current mean value	0.015 A
apparent holding power at minimum rated control supply voltage at DC at maximum rated control supply voltage at DC at maximum rated control supply voltage at DC at maximum rated control supply voltage at AC — at 50 Hz — at 60 Hz 2 VA at maximum rated control supply voltage at AC — at 50 Hz — at 60 Hz 2 VA at 60 Hz 2 VA apparent holding power of magnet coil at AC at 50 Hz 2 VA at 60 Hz 2 VA at 60 Hz 2 VA at 60 Hz 2 VA cat 60 Hz 3 VA colosing power of magnet coil at DC 40 W holding power of magnet coil at DC 40 W holding power of magnet coil at DC 40 W holding power of magnet coil at DC 50 closing delay cat AC cat DC opening delay cat AC cat DC opening delay cat AC cat DC colosing be act AC cat Cat AC cat C	apparent pick-up power of magnet coil at AC	
apparent holding power at minimum rated control supply voltage at DC apparent holding power at maximum rated control supply voltage at DC apparent holding power at minimum rated control supply voltage at AC — at 50 Hz — at 60 Hz at maximum rated control supply voltage at AC — at 50 Hz — at 60 Hz 2 VA apparent holding power of magnet coil at AC — at 50 Hz at 50 Hz 2 VA apparent holding power of magnet coil at AC at 50 Hz at 60 Hz 2 VA at 60 Hz but 60 Hz closing power of magnet coil at DC holding power of magnet coil at DC holding power of magnet coil at DC at AC at Maximum rated control supply voltage at AC 2 VA 2 VA 2 VA 2 VA 2 VA 4	● at 50 Hz	40 VA
at minimum rated control supply voltage at DC at maximum rated control supply voltage at DC apparent holding power at minimum rated control supply voltage at AC — at 50 Hz — at 60 Hz at maximum rated control supply voltage at AC — at 50 Hz — at 60 Hz 2 VA at at maximum rated control supply voltage at AC — at 50 Hz — at 60 Hz 2 VA apparent holding power of magnet coil at AC at 50 Hz at 50 Hz 2 VA apparent holding power of magnet coil at AC at 50 Hz 2 VA at 60 Hz inductive power factor with the holding power of the coil at 50 Hz at 60 Hz 0.95 closing power of magnet coil at DC 40 W holding power of magnet coil at DC tolosing delay at AC at AC at AC at AC at AC at DC 30 55 ms at DC 5 VA 2 VA 2 VA 2 VA 2 VA 2 VA 2 VA 3 VA 3 VA 3 VA 4	● at 60 Hz	40 VA
apparent holding power at minimum rated control supply voltage at AC — at 50 Hz — at 60 Hz at maximum rated control supply voltage at AC — at 50 Hz — at 60 Hz 2 VA at maximum rated control supply voltage at AC — at 50 Hz — at 60 Hz 2 VA apparent holding power of magnet coil at AC at 50 Hz at 60 Hz 2 VA apparent holding power of magnet coil at AC at 50 Hz at 60 Hz 0.95 at 60 Hz closing power of magnet coil at DC holding power of magnet coil at DC tolosing delay at AC at DC 2 VA 2 VA 2 VA 4 VA		
apparent holding power	 at minimum rated control supply voltage at DC 	2 VA
• at minimum rated control supply voltage at AC	 at maximum rated control supply voltage at DC 	2 VA
- at 50 Hz - at 60 Hz 2 VA ● at maximum rated control supply voltage at AC - at 50 Hz - at 60 Hz 2 VA apparent holding power of magnet coil at AC ● at 50 Hz ● at 60 Hz 2 VA inductive power factor with the holding power of the coil ● at 50 Hz ● at 60 Hz 0.95 closing power of magnet coil at DC holding power of magnet coil at DC tolsing delay ● at AC ● at	apparent holding power	
- at 60 Hz	 at minimum rated control supply voltage at AC 	
■ at maximum rated control supply voltage at AC — at 50 Hz — at 60 Hz apparent holding power of magnet coil at AC ■ at 50 Hz ■ at 60 Hz ■ at 60 Hz inductive power factor with the holding power of the coil ■ at 50 Hz ■ at 60 Hz inductive power factor with the holding power of the coil ■ at 50 Hz ■ at 60 Hz Closing power of magnet coil at DC tholding power of magnet coil at DC holding power of magnet coil at DC at AC ■ at AC ■ at DC opening delay ■ at AC ■ at AC ■ at DC at AC ■ at DC opening delay ■ at AC ■ at DC	— at 50 Hz	2 VA
- at 50 Hz 2 VA - at 60 Hz 2 VA apparent holding power of magnet coil at AC • at 50 Hz 2 VA • at 60 Hz 2 VA inductive power factor with the holding power of the coil • at 50 Hz 0.95 • at 60 Hz 0.95 closing power of magnet coil at DC 40 W holding power of magnet coil at DC 1.6 W closing delay • at AC 35 110 ms • at DC 35 110 ms opening delay • at AC 30 55 ms • at DC 30 55 ms	— at 60 Hz	2 VA
— at 60 Hz 2 VA apparent holding power of magnet coil at AC 2 VA • at 50 Hz 2 VA • at 60 Hz 0.95 • at 50 Hz 0.95 • at 60 Hz 0.95 closing power of magnet coil at DC 40 W holding power of magnet coil at DC 1.6 W closing delay at AC 35 110 ms • at DC 35 110 ms opening delay at AC 30 55 ms • at DC 30 55 ms	 at maximum rated control supply voltage at AC 	
apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz • at 60 Hz Closing power of magnet coil at DC holding power of magnet coil at DC toloing delay • at AC • at DC • at AC •	— at 50 Hz	2 VA
		2 VA
• at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz • at 60 Hz	apparent holding power of magnet coil at AC	
inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz closing power of magnet coil at DC holding power of magnet coil at DC tolosing delay • at AC • at DC	● at 50 Hz	2 VA
• at 50 Hz • at 60 Hz • at 60 Hz closing power of magnet coil at DC holding power of magnet coil at DC holding power of magnet coil at DC closing delay • at AC • at DC opening delay • at AC • at DC at AC • at DC one at AC • at BC • at AC • at BC • at BC • at BC • at BC	● at 60 Hz	2 VA
● at 60 Hz closing power of magnet coil at DC holding power of magnet coil at DC 1.6 W closing delay ● at AC ● at DC opening delay ● at AC ● at BC ● at BC ■ at BC		
closing power of magnet coil at DC 40 W holding power of magnet coil at DC 1.6 W closing delay at AC at DC 35 110 ms 35 110 ms opening delay at AC at AC at DC 30 55 ms at DC 30 55 ms		
holding power of magnet coil at DC 1.6 W closing delay 35 110 ms ● at DC 35 110 ms opening delay 35 110 ms ● at AC 30 55 ms ● at DC 30 55 ms		
closing delay • at AC 35 110 ms • at DC 35 110 ms opening delay • at AC 30 55 ms • at DC 30 55 ms		
● at AC 35 110 ms • at DC 35 110 ms opening delay • at AC 30 55 ms • at DC 30 55 ms		1.6 W
● at DC 35 110 ms opening delay ● at AC 30 55 ms ● at DC 30 55 ms		
opening delay ● at AC 30 55 ms ● at DC 30 55 ms		
● at AC 30 55 ms ● at DC 30 55 ms		35 110 ms
• at DC 30 55 ms		
recovery time after power failure typical 2.1 s	• at DC	30 55 ms
	recovery time after power failure typical	2.1 s
arcing time 10 20 ms		
control version of the switch operating mechanism Fail-safe PLC input (F-PLC-IN)	control version of the switch operating mechanism	Fail-safe PLC input (F-PLC-IN)

1	Auxiliary circuit		
mumber of NO Contacts for auxiliary contacts instantaneous 0		1	
Combact Companies Compan			
	· · · · · · · · · · · · · · · · · · ·	0	
a 120 V rated value	operational current at AC-12 maximum	10 A	
a at 000 V rated value	operational current at AC-15		
a 1500 V rated value	• at 230 V rated value	10 A	
a st 690 V rated value	at 400 V rated value	3 A	
Part	• at 500 V rated value	2 A	
a 12 4V rated value	• at 690 V rated value	1 A	
at 48 V rated value	operational current at DC-12		
• at 60 V rated value	• at 24 V rated value	10 A	
• at 125 V rated value	• at 48 V rated value	6 A	
at 125 V rated value	at 60 V rated value	6 A	
• at 200 V rated value	• at 110 V rated value	3 A	
• at 600 V rated value 0.15 A	• at 125 V rated value	2 A	
a t 2 4 7 rated value	at 220 V rated value	1 A	
at 24 V rated value	at 600 V rated value	0.15 A	
	operational current at DC-13		
at 160 V rated value at 110 V rated value at 125 V rated value at 125 V rated value at 126 V rated value at 126 V rated value at 120 V rated value at 1480 V rated value at 160 V rated value at 100 V rated value at 120 V rated value at 1200 V rated value at 1200 V rated value at 1200 V rated value at 1575600 V rated value at 1600 V rated value at 1600 V rated value at 1600 V rated value at 1675600 V rated value	• at 24 V rated value	10 A	
	at 48 V rated value	2 A	
	• at 60 V rated value	2 A	
at 220 V rated value at 600 V rated value at 600 V rated value but 1 faulty switching per 100 million (17 V, 1 mA) LUCSA ratings Full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value at 600 V rated value but 1 faulty 20 V rated value at 600 V rated value at 7.5 hp at 101/120 V rated value at 230 V rated value at 230 V rated value at 230 V rated value but 10 hp at 2200208 V rated value at 2200208 V rated value at 2200208 V rated value but 15 hp at 220030 V rated value at 220030 V rated value at 575/600 V rated value at 575/600 V rated value at 575/600 V rated value at 60480 V rated value at 7.5 hp contact rating of auxiliary contacts according to UL brot-circuit protection design of the miniature circuit breaker for short-circuit protection of the auxiliary contact of the main circuit at which ye of coordination 1 required but 6 for short-circuit protection of the main circuit at which ye of coordination 1 required but 6 for short-circuit protection of the auxiliary switch required but 6 for short-circuit protection of the auxiliary switch required but 6 for short-circuit protection of the auxiliary switch required but 6 for short-circuit protection of the auxiliary switch required but 6 for short-circuit protection of the auxiliary switch required but 6 for short-circuit protection of the auxiliary switch required but 6 for short-circuit protection of the auxiliary switch required but 6 for short-circuit protection of the auxiliary switch required but 6 for short-circuit protection of the auxiliary switch required but 6 for short-circuit protection of the auxiliary switch required but 6 for short-circuit protection of the auxiliary switch required but 6 for short-circuit protection of the auxiliary switch required but 7 for station possible on vertical mounting surface; can be tilted forward and backward by 4-2.2.5° on vertical mounting su	• at 110 V rated value	1 A	
● at 800 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) L/CSA ratings Full-load current (FLA) for 3-phase AC motor 4 14 A • at 800 V rated value 40 A • at 800 V rated value 41 A • for single-phase AC motor — at 110/120 V rated value • a 230 V rated value 3 hp • a 2 20/220 V rated value 10 hp • at 2 20/220 V rated value 15 hp • at 2 20/220 V rated value 16 hp • at 2 20/220 V rated value 30 hp • at 3 575/600 V rated value 40 hp • at 460/480 V rated value 40 hp • contact rating of auxiliary contacts according to UL 40 hp bottoric recutip protection C characteristic: 10 A; 0.4 kA flore auxiliary contacts according to UL 60 or short-circuit protection of the main circuit • for short-circuit protection of the main circuit G. characteristic: 10 A; 0.4 kA flore sign of the fuse link • for short-circuit protection of the auxiliary switch required g.6: 160 A (890 V, 100 kA), aM: 80 A (890 V, 100 kA), BS88: 125 A (415 V, 80 kA) • for short-circuit protection of the au	• at 125 V rated value	0.9 A	
tulicac urrent (FLA) for 3-phase AC motor	at 220 V rated value	0.3 A	
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 800 V rated value • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value — at 230 V rated value — at 200/208 V rated value — at 460/480 V rated value — at 375/600 V rated value — at 375/600 V rated value — at 480/480 V rated value — at 200/208 V rated value — at 60/480 V rated value — at 75/600 V rated value — at 60/480 V rated value — a	at 600 V rated value	0.1 A	
Full-load current (FLA) for 3-phase AC motor at 480 V rated value	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)	
Full-load current (FLA) for 3-phase AC motor at 480 V rated value	UL/CSA ratings		
	full-load current (FLA) for 3-phase AC motor		
yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value — at 200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 4575/600 V rated value — at 460/480 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 675/600 V rated value Contact rating of auxiliary contacts according to UL A600 / P600 ##OFFICIAL PROFESSION ##OFFIC		40 A	
of r single-phase AC motor — at 110/120 V rated value — at 230 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 200/208 V rated value — at 200/203 V rated value — at 460/480 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 600 / P600 contact rating of auxiliary contacts according to UL inort-circuit protection design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required stallation/ mounting/ dimensions mounting position #/-180* rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5* on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height #/ Ha m width #/ 450 m #/	• at 600 V rated value	41 A	
of r single-phase AC motor — at 110/120 V rated value — at 230 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 200/208 V rated value — at 200/208 V rated value — at 460/480 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 600 / P600 contact rating of auxiliary contacts according to UL inort-circuit protection design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required stallation/ mounting/ dimensions mounting position #/-180* rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5* on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height #/ Ha m width #/ 450 m #/	yielded mechanical performance [hp]		
- at 110/120 V rated value			
- at 230 V rated value • for 3-phase AC motor - at 200/280 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 460/480 V rated value - at 460/480 V rated value - at 575/600 V rated value contact rating of auxiliary contacts according to UL 4600 / P600 ### A600 / P600 ###		3 hp	
• for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 460/480 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — 40 hp contact rating of auxiliary contacts according to UL thort-circuit protection design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protection of the auxiliary switch required • For short-circuit protectio	— at 230 V rated value		
- at 200/208 V rated value 15 hp 15 hp 30 hp 4480 V rated value 40 hp 40	• for 3-phase AC motor		
- at 460/480 V rated value 30 hp - at 575/600 V rated value 40 hp contact rating of auxiliary contacts according to UL 4600 / P600 thort-circuit protection design of the ministure circuit broaker for short-circuit protection of the auxiliary circuit up to 230 V design of the fuse link		10 hp	
- at 575/600 V rated value 40 hp contact rating of auxiliary contacts according to UL A600 / P600 design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required for short-circuit protection of the auxiliary switch required scharled for short-circuit protection of the auxiliary switch required gG: 160 A (690 V, 100 kA), aM: 80 A (690 V, 100 kA), BS88: 125 A (415 V, 80 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) • for short-circuit protection of the auxiliary switch required schward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5°	— at 220/230 V rated value	15 hp	
contact rating of auxiliary contacts according to UL short-circuit protection design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V design of the fuse link	— at 460/480 V rated value	30 hp	
design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the main circuit — with side-by-side mounting 125 A (415 V, 80 KA) • for short-circuit protection of the main circuit — with side-by-side mounting • with side-by-side mounting — forwards • for short-circuit protection of the main circuit GC characteristic: 10 A; 0.4 KA C characteristic: 10 A; 0.4 KA GB: 160 A (690 V, 100 kA), aM: 80 A (690 V, 100 kA), aM: 8	— at 575/600 V rated value	·	
design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V design of the fuse link	contact rating of auxiliary contacts according to UL	·	
of the auxiliary circuit up to 230 V design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA), aM: 80 A (690 V, 100 kA), BS88: 125 A (415 V, 80 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) stallation/ mounting/ dimensions **H-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method side-by-side mounting **Serew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height ### the main circuit ### the main circuit ### the main circuit ### surface ###	Short-circuit protection		
for short-circuit protection of the main circuit — with type of coordination 1 required sfor short-circuit protection of the auxiliary switch required sg: 160 A (690 V, 100 kA), aM: 80 A (690 V, 100 kA), BS88: 125 A (415 V, 80 kA) for short-circuit protection of the auxiliary switch required gg: 10 A (500 V, 1 kA) stallation/ mounting/ dimensions		C characteristic: 10 A; 0.4 kA	
with type of coordination 1 required of short-circuit protection of the auxiliary switch required of short-circuit protection of the auxiliary switch required of short-circuit protection of the auxiliary switch required of stabletion/ mounting/ dimensions of stabletion/ mounting/ dimensions of satening method side-by-side mounting fastening method fastening method of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of height of stabletion the stableting method of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of stableting method of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of stableting method of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of stableting method of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of stableting method of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of stableting method of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 of screw and snap-on mounting onto 35 mm DIN rai	design of the fuse link		
• for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) ***nstallation/ mounting/ dimensions** **mounting position** **mounting position** **h'-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method side-by-side mounting **fastening method** **screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 **height** **initial method** **h'-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and	 for short-circuit protection of the main circuit 		
mounting position	— with type of coordination 1 required		
#/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method side-by-side mounting fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 114 mm width 55 mm depth 130 mm required spacing with side-by-side mounting forwards 10 mm	• for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)	
fastening method side-by-side mounting fastening method fastening method fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 114 mm width 55 mm depth 130 mm required spacing with side-by-side mounting forwards 10 mm	Installation/ mounting/ dimensions		
fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 114 mm width 55 mm depth 130 mm required spacing with side-by-side mounting forwards 10 mm in the property of the property		+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface	
height 114 mm width 55 mm depth 130 mm required spacing	fastening method side-by-side mounting		
width 55 mm depth 130 mm required spacing • with side-by-side mounting — forwards 10 mm	-		
depth 130 mm required spacing with side-by-side mounting	-		
required spacing • with side-by-side mounting — forwards 10 mm	width	55 mm	
with side-by-side mounting — forwards 10 mm	depth	130 mm	
— forwards 10 mm	required spacing		
	 with side-by-side mounting 		
— upwards 10 mm	— forwards	10 mm	
	— upwards	10 mm	

— downwards	10 mm
— at the side	0 mm
for grounded parts	
— forwards	10 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
 for live parts 	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	screw-type terminals
 for auxiliary and control circuit 	screw-type terminals
 at contactor for auxiliary contacts 	Screw-type terminals
of magnet coil	Screw-type terminals
type of connectable conductor cross-sections	
• for main contacts	
— solid or stranded	2x (1 35 mm²), 1x (1 50 mm²)
— finely stranded with core end processing	2x (1 25 mm²), 1x (1 35 mm²)
for AWG cables for main contacts	2x (18 2), 1x (18 1)
connectable conductor cross-section for main contacts	
 finely stranded with core end processing 	1 35 mm²
connectable conductor cross-section for auxiliary contacts	
 solid or stranded 	0.5 2.5 mm²
finely stranded with core end processing	0.5 2.5 mm²
type of connectable conductor cross-sections	
for auxiliary contacts	
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
— finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
for AWG cables for auxiliary contacts	2x (20 16), 2x (18 14)
AWG number as coded connectable conductor cross	ZX (20 10), ZX (10 11)
section	
• for main contacts	18 1
for auxiliary contacts	20 14
Safety related data	
product function	
mirror contact according to IEC 60947-4-1	Yes
 positively driven operation according to IEC 60947-5-1 	No
suitable for safety function	Yes
suitability for use safety-related switching OFF	Yes
safe state	off
test wear-related service life necessary	Yes
diagnostics test interval by internal test function maximum	28 800 s
stop category according to IEC 60204-1	0
proportion of dangerous failures	
with low demand rate according to SN 31920	40 %
with high demand rate according to SN 31920 with high demand rate according to SN 31920	73 %
B10 value with high demand rate according to SN 31920	1 000 000
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
MTBF	52 a
IEC 62061	
Safety Integrity Level (SIL) according to IEC 62061	SIL 2
PFHD with high demand rate according to IEC 62061	7.7E-8 1/h
ISO 13849	
performance level (PL) according to ISO 13849-1	PL c
performance level (PL) according to ISO 13849-1	PL c
performance level (PL) according to ISO 13849-1 category according to ISO 13849-1 device type according to ISO 13849-1	PL c 2 1

overdimensioning according to ISO 13849-2 necessary	Yes	
IEC 61508		
Safety Integrity Level (SIL) according to IEC 61508	2	
safety device type according to IEC 61508-2	Type B	
PFHD with high demand rate according to IEC 61508	7.7E-8 1/h	
PFDavg with low demand rate according to IEC 61508	0.0067	
Safe failure fraction (SFF)	96 %	
hardware fault tolerance according to IEC 61508	0	
T1 value of service life according to IEC 61508	20 a	
Electrical Safety		
protection class IP on the front according to IEC 60529	IP20	
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front	
Annual Contificator		

Approvals Certificates

General Product Approval









<u>KC</u>



EMV

Functional Saftey

Test Certificates

Maritime application



Type Examination Certificate Type Test Certificates/Test Report







Maritime application

other

Railway

Environment





Confirmation

Special Test Certificate

Environmental Confirmations

Further information

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2035-1SF30

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2035-1SF30

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2035-1SF30

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

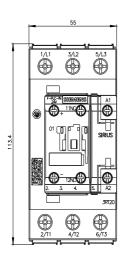
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2035-1SF30&lang=en

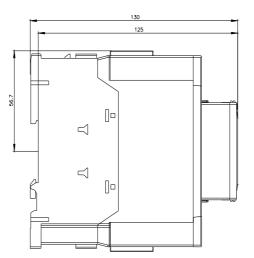
Characteristic: Tripping characteristics, I²t, Let-through current

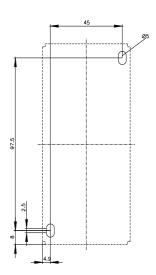
https://support.industry.siemens.com/cs/ww/en/ps/3RT2035-1SF30/char

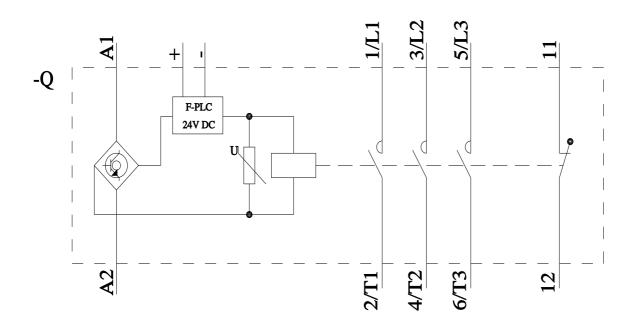
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2035-1SF30&objecttype=14&gridview=view1









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4/17/2025

3RT2 Page	 ISF	30