SIEMENS

Data sheet

3RT2035-3XF44-0LA2



traction contactor, AC-3e/AC-3, 41 A, 18.5 kW / 400 V, 3-pole, 110 V DC, 0.7-1.25* Us, electronic drive, with integrated varistor, auxiliary contacts: 2 NO + 2 NC, main circuit: screw terminal, control and auxiliary circuit: spring-loaded terminal, size: S2, removable auxiliary switch

product brand name SIRUS product designation Power contactor design of the product With extended operating range product type designation 9872 General technical data S2 product extension No • function module for communication No • at AC in hot operating state 6.6 W • at AC in hot operating state per pole 2.2 W insulation voltage 690 V • of main circuit with degree of pollution 3 rated value 690 V • of main circuit with degree of pollution 3 rated value 690 V • of an auxiliary survicut with degree of pollution 3 rated value 690 V • of an auxiliary circuit rated value 6 kV • of an auxiliary circuit rated value 6 kV • of an auxiliary origing to EN 60947-1 shock resistance at rectangular impulse • at DC 9.6g / 5 ms, 3.7g / 10 ms shock resistance with aided electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical <th></th> <th></th>		
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reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2014 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -40 +70 °C • during operation -40 +70 °C • during storage -55 +80 °C relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 95 %		5 000 000
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Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -40 +70 °C • during operation -45 +80 °C relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 95 %	reference code according to IEC 81346-2	Q
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relative humidity minimum 10 % relative humidity at 55 °C according to IEC 60068-2-30 95 %	during operation	-40 +70 °C
relative humidity at 55 °C according to IEC 60068-2-30 95 %	during storage	-55 +80 °C
	relative humidity minimum	10 %
maximum	relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Main circuit	Main circuit	
number of poles for main current circuit 3	number of poles for main current circuit	3

number of NO contacts for main contacts	3
operating voltage	5
at AC-3 rated value maximum	690 V
at AC-3e rated value maximum	690 V
operational current	050 V
at AC-1 at 400 V at ambient temperature 40 °C rated	60 A
value	0077
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated	60 A
value	
— up to 690 V at ambient temperature 60 °C rated value	55 A
at AC-2 at 400 V rated value	40 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
minimum cross-section in main circuit	
at maximum AC-1 rated value	16 mm ²
 at maximum lth rated value 	16 mm ²
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 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 110 V rated value	45 A
— at 220 V rated value	5 A
— at 440 V rated value	1 A
— 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 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 110 V rated value	2.5 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 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 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				
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				
 limited to 30 s switching at zero current maximum 	241 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 60 s switching at zero current maximum 	196 A; Use minimum cross-section acc. to AC-1 rated value				
no-load switching frequency					
● at DC	1 500 1/h				
operating frequency					
• at AC-2 at AC-3e maximum	750 1/h				
- al au-2 al au-30 IIIaaiiiuiii					
• at AC-2 at AC-3e maximum • at AC-4 maximum	300 1/h				
• at AC-4 maximum					
• at AC-4 maximum Ratings for railway applications					
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V	300 1/h				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value	300 1/h 60 A				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V • up to 40 °C according to IEC 60077 rated value • up to 70 °C according to IEC 60077 rated value	300 1/h				
tat AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control	300 1/h 60 A 50 A				
tat AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage	300 1/h 60 A 50 A DC				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V • up to 40 °C according to IEC 60077 rated value • up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage	300 1/h 60 A 50 A				
tat AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V • up to 40 °C according to IEC 60077 rated value • up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC	300 1/h 60 A 50 A DC DC				
tatings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value	300 1/h 60 A 50 A DC				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V • up to 40 °C according to IEC 60077 rated value • up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC • rated value operating range factor control supply voltage rated value of	300 1/h 60 A 50 A DC DC				
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tat AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value	300 1/h 60 A 50 A DC DC 110 V 0.7				
tat AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25				
tat AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value design of the surge suppressor inrush current peak	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A				
tat AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value design of the surge suppressor inrush current peak duration of inrush current peak	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value design of the surge suppressor inrush current peak locked-rotor current mean value	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A				
tat AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value design of the surge suppressor inrush current peak locked-rotor current mean value locked-rotor current peak	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A 0.8 A				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value design of the surge suppressor inrush current peak locked-rotor current mean value locked-rotor current peak duration of locked-rotor current	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A 0.8 A 230 ms				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value design of the surge suppressor inrush current peak locked-rotor current mean value locked-rotor current mean value holding current mean value	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A 0.8 A 230 ms 12 mA				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value design of the surge suppressor inrush current peak locked-rotor current mean value locked-rotor current peak duration of locked-rotor current holding current mean value closing power of magnet coil at DC	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A 0.8 A 230 ms 12 mA 23 W				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value design of the surge suppressor inrush current peak duration of inrush current peak duration of locked-rotor current holding current mean value closing power of magnet coil at DC holding power of magnet coil at DC	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A 0.8 A 230 ms 12 mA				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value design of the surge suppressor inrush current peak duration of inrush current peak duration of locked-rotor current holding current mean value closing power of magnet coil at DC indig power of magnet coil at DC indig delay	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A 0.8 A 230 ms 12 mA 23 W 1 W				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value design of the surge suppressor inrush current peak duration of inrush current peak duration of locked-rotor current holding current mean value closing power of magnet coil at DC holding power of magnet coil at DC closing delay e at DC e at DC	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A 0.8 A 230 ms 12 mA 23 W				
at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC e rated value operating range factor control supply voltage rated value of magnet coil at DC e initial value e full-scale value design of the surge suppressor inrush current peak duration of inrush current peak duration of locked-rotor current holding current mean value closing power of magnet coil at DC closing delay e at DC opening delay	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A 0.8 A 230 ms 12 mA 23 W 1 W 35 110 ms				
 at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value design of the surge suppressor inrush current peak duration of inrush current peak locked-rotor current mean value locked-rotor current peak duration of locked-rotor current holding power of magnet coil at DC holding power of magnet coil at DC closing delay at DC 	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A 0.8 A 230 ms 12 mA 23 W 1 W 35 110 ms 30 55 ms				
• at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V • up to 40 °C according to IEC 60077 rated value • up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC • rated value operating range factor control supply voltage rated value of magnet coil at DC • initial value • full-scale value design of the surge suppressor inrush current peak duration of inrush current peak locked-rotor current mean value locked-rotor current peak duration of locked-rotor current holding power of magnet coil at DC holding power of magnet coil at DC closing delay • at DC opening delay • at DC arcing time	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A 0.8 A 230 ms 12 mA 23 W 1 W 35 110 ms 30 55 ms 10 20 ms				
 at AC-4 maximum Ratings for railway applications thermal current (Ith) up to 690 V up to 40 °C according to IEC 60077 rated value up to 70 °C according to IEC 60077 rated value Control circuit/ Control type of voltage type of voltage of the control supply voltage control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value design of the surge suppressor inrush current peak duration of inrush current peak locked-rotor current mean value locked-rotor current peak duration of locked-rotor current holding power of magnet coil at DC holding power of magnet coil at DC closing delay at DC 	300 1/h 60 A 50 A DC DC 110 V 0.7 1.25 with varistor 1.5 A 50 μs 0.45 A 0.8 A 230 ms 12 mA 23 W 1 W 35 110 ms 30 55 ms				

number of NC contacts for auxiliary contacts	2			
instantaneous contact	2			
number of NO contacts for auxiliary contacts	2			
instantaneous contact	2			
operational current at AC-12 maximum	10 A			
operational current at AC-15				
• at 230 V rated value	6 A			
 at 400 V rated value 	3 A			
• at 500 V rated value	2 A			
• at 690 V rated value	1 A			
operational current at DC-12				
 at 24 V rated value 	10 A			
• at 48 V rated value	6 A			
 at 60 V rated value 	6 A			
 at 110 V rated value 	3 A			
• at 125 V rated value	2 A			
• at 220 V rated value	1 A			
• at 600 V rated value	0.15 A			
operational current at DC-13				
at 24 V rated value	6 A			
at 48 V rated value	2 A			
• at 60 V rated value	2 A			
• at 110 V rated value	1 A			
• at 125 V rated value	0.9 A			
 at 220 V rated value 	0.3 A			
 at 600 V rated value 	0.1 A			
UL/CSA ratings				
full-load current (FLA) for 3-phase AC motor				
at 480 V rated value	40 A			
at 600 V rated value	41 A			
yielded mechanical performance [hp]				
for single-phase AC motor				
— at 110/120 V rated value	3 hp			
— at 230 V rated value	7.5 hp			
• for 3-phase AC motor				
— at 200/208 V rated value	10 hp			
— at 220/230 V rated value	15 hp			
— at 460/480 V rated value	30 hp			
— at 575/600 V rated value	40 hp			
contact rating of auxiliary contacts according to UL	A600 / Q600			
Short-circuit protection				
	No			
product function short circuit protection design of the fuse link	No			
for short-circuit protection of the main circuit				
 — with type of coordination 1 required 	gG: 160 A (690 V, 100 kA), aM: 80 A (690 V, 100 kA), BS88: 125 A (415 V, 80 kA)			
	gG: 80A (690V,100kA), aM: 50A (690V,100kA), BS88: 63A (415V,80kA)			
 for short-circuit protection of the auxiliary switch required 	gG: 10 A (500 V, 1 kA)			
Installation/ mounting/ dimensions				
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and			
meaning position	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			
side-by-side mounting	Yes			
height	114 mm			
width	55 mm			
depth	178 mm			
required spacing				
with side-by-side mounting				
— forwards	10 mm			
— upwards	10 mm			
— downwards	10 mm			
	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 	spring-loaded terminals				
at contactor for auxiliary contacts	Spring-type terminals				
of magnet coil	Spring-type terminals				
type of connectable conductor cross-sections for main contacts					
• solid or stranded	2x (1 35 mm ²), 1x (1 50 mm ²)				
finely stranded with core end processing	2x (1 25 mm²), 1x (1 35 mm²)				
type of connectable conductor cross-sections					
for auxiliary contacts					
— solid or stranded	2x (0.5 2.5 mm ²)				
 finely stranded with core end processing 	2x (0.5 1.5 mm ²)				
— finely stranded without core end processing	2x (0.5 2.5 mm ²)				
for AWG cables for auxiliary contacts	2x (20 14)				
AWG number as coded connectable conductor cross 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				
B10 value with high demand rate according to SN 31920	1 000 000				
proportion of dangerous failures	40.0/				
with low demand rate according to SN 31920	40 % 73 %				
with high demand rate according to SN 31920 failure rate [EIT] with low demand rate according to SN 21920					
failure rate [FIT] with low demand rate according to SN 31920	100 FIT				
T1 value for proof test interval or convice life according to IEC	20.0				
T1 value for proof test interval or service life according to IEC 61508	20 a				
	20 a IP20				
61508					
61508 protection class IP on the front according to IEC 60529	IP20				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529	IP20				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol	IP20 finger-safe, for vertical contact from the front				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals	IP20 finger-safe, for vertical contact from the front				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication	IP20 finger-safe, for vertical contact from the front				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals	IP20 finger-safe, for vertical contact from the front No				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals General Product Approval	IP20 finger-safe, for vertical contact from the front No				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals General Product Approval	IP20 finger-safe, for vertical contact from the front No				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals General Product Approval	IP20 finger-safe, for vertical contact from the front No				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals General Product Approval	IP20 finger-safe, for vertical contact from the front No				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals General Product Approval Confirmatio Confirmatio Functional	IP20 finger-safe, for vertical contact from the front No In In KC EFFC				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals General Product Approval Image: Confirmation confirmation Image: Confirmation confirmation	IP20 finger-safe, for vertical contact from the front No In In KC EFFC				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals General Product Approval Confirmatio Confirmatio Functional	IP20 finger-safe, for vertical contact from the front No In In KC EFFC				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals General Product Approval Confirmation Confirmation Certificates/ approvals General Product Approval Confirmation	IP20 finger-safe, for vertical contact from the front No M M M M M M M M M M M M M M M M M M				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals General Product Approval Confirmation Confirmation Certificates/ approvals General Product Approval Confirmation	IP20 finger-safe, for vertical contact from the front No M M M M M M M M M M M M M M M M M M				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals General Product Approval Confirmation Confirmation Certificates/ approvals General Product Approval Confirmation	IP20 finger-safe, for vertical contact from the front No M M M M M M M M M M M M M M M M M M				
61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication Certificates/ approvals General Product Approval Image: Confirmation Confirmation Confirmation EMC Functional Safety/Safety of Machinery Declaration of Type Examination Cer-	IP20 finger-safe, for vertical contact from the front No M M M M M M M M M M M M M M M M M M				

Marine / Shipping					
ABS	B U REAU VERITAS	Lloyd's Register us	PRS	RINA	
other	Railway			Environment	
Confirmation	Vibration and Shock	Type Test Certific- ates/Test Report	Special Test Certific- ate	Environmental Con- firmations	

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3RT2035-3XF44-0LA2

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2035-3XF44-0LA2

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2035-3XF44-0LA2

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

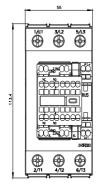
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2035-3XF44-0LA2&lang=en

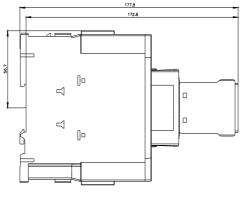
Characteristic: Tripping characteristics, I²t, Let-through current

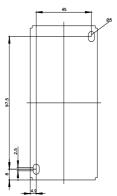
https://support.industry.siemens.com/cs/ww/en/ps/3RT2035-3XF44-0LA2/char

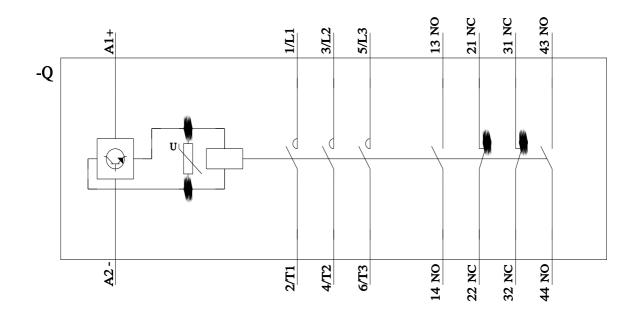
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2035-3XF44-0LA2&objecttype=14&gridview=view1









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