SIEMENS

Data sheet

3RT1266-6AP36



vacuum contactor AC-3e/AC-3 300 A, 160 kW / 400 V, 3-pole, Uc: 220-240 V AC(50-60 Hz) / DC drive: conventional auxiliary contacts 2 NO + 2 NC main circuit: busbar control and auxiliary circuit: screw terminal

product brand name	SIRIUS		
product designation	Vacuum contactor		
product type designation	3RT12		
General technical data			
size of contactor	S10		
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 	42 W		
 at AC in hot operating state per pole 	14 W		
 without load current share typical 	8.2 W		
insulation voltage			
 of main circuit with degree of pollution 3 rated value 	1 000 V		
 of auxiliary circuit with degree of pollution 3 rated value 	500 V		
surge voltage resistance			
 of main circuit rated value 	8 kV		
 of auxiliary circuit rated value 	6 kV		
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1	690 V		
shock resistance at rectangular impulse			
• at AC	8,5g / 5 ms, 4,2g / 10 ms		
• at DC	8,5g / 5 ms, 4,2g / 10 ms		
shock resistance with sine pulse			
• at AC	13,4g / 5 ms, 6,5g / 10 ms		
• at DC	13,4g / 5 ms, 6,5g / 10 ms		
mechanical service life (operating cycles)			
 of contactor typical 	10 000 000		
 of the contactor with added electronically optimized auxiliary switch block typical 	5 000 000		
 of the contactor with added auxiliary switch block typical 	10 000 000		
reference code according to IEC 81346-2	Q		
Substance Prohibitance (Date)	05/01/2012		
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 	1 000 V
 at AC-3e rated value maximum 	1 000 V
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C rated value	330 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	330 A
— up to 690 V at ambient temperature 60 °C rated value	300 A
— up to 1000 V at ambient temperature 40 °C rated value	330 A
— up to 1000 V at ambient temperature 60 °C rated value	300 A
• at AC-3	200 4
— at 400 V rated value	300 A
— at 500 V rated value	300 A
— at 690 V rated value	300 A
— at 1000 V rated value	300 A
• at AC-3e	300 A
— at 400 V rated value	300 A
— at 500 V rated value — at 690 V rated value	300 A
— at 1000 V rated value	300 A
• at AC-4 at 400 V rated value	280 A
• at AC-6a	200 A
 up to 230 V for current peak value n=20 rated value 	300 A
 — up to 400 V for current peak value n=20 rated value 	300 A
 — up to 500 V for current peak value n=20 rated value 	300 A
 — up to 690 V for current peak value n=20 rated value 	300 A
 — up to 1000 V for current peak value n=20 rated value 	300 A
● at AC-6a	
 — up to 230 V for current peak value n=30 rated value 	209 A
 — up to 400 V for current peak value n=30 rated value 	209 A
— up to 500 V for current peak value n=30 rated value	209 A
— up to 690 V for current peak value n=30 rated value	209 A
— up to 1000 V for current peak value n=30 rated value	209 A
minimum cross-section in main circuit at maximum AC-1 rated value	185 mm ²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	140 A
• at 690 V rated value	140 A
operating power	
• at AC-3	
— at 230 V rated value	90 kW
— at 400 V rated value	160 kW
— at 500 V rated value	200 kW
— at 690 V rated value	250 kW
— at 1000 V rated value	400 kW
• at AC-3e	00 1414
— at 230 V rated value — at 400 V rated value	90 kW 160 kW

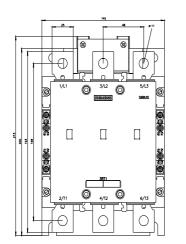
at 500 V rated value	200 PM		
— at 500 V rated value	200 kW		
— at 690 V rated value	250 kW 400 kW		
 — at 1000 V rated value operating power for approx. 200000 operating cycles 	400 KW		
at AC-4			
• at 400 V rated value	79 kW		
 at 690 V rated value 	138 kW		
operating apparent power at AC-6a			
 up to 230 V for current peak value n=20 rated value 	120 000 kVA		
 up to 400 V for current peak value n=20 rated value 	200 000 VA		
 up to 500 V for current peak value n=20 rated value 	260 000 VA		
• up to 690 V for current peak value n=20 rated value	350 000 VA		
 up to 1000 V for current peak value n=20 rated value 	520 000 VA		
operating apparent power at AC-6a			
• up to 230 V for current peak value n=30 rated value	80 000 VA		
• up to 400 V for current peak value n=30 rated value	140 000 VA		
 up to 500 V for current peak value n=30 rated value 	180 000 VA		
• up to 690 V for current peak value n=30 rated value	250 000 VA		
 up to 1000 V for current peak value n=30 rated 	360 000 VA		
value			
no-load switching frequency	2 000 4/h		
• at AC	2 000 1/h		
at DC operating frequency	2 000 1/h		
• at AC-1 maximum	750 1/h		
• at AC-2 maximum	250 1/h		
• at AC-3 maximum	750 1/h		
at AC-3e maximum	750 1/h		
● at AC-4 maximum	250 1/h		
Control circuit/ Control			
type of voltage of the control supply voltage	AC/DC		
control supply voltage at AC			
control supply voltage at AC			
• at 50 Hz rated value	220 240 V		
at 50 Hz rated valueat 60 Hz rated value	220 240 V 220 240 V		
 at 50 Hz rated value at 60 Hz rated value control supply voltage at DC 	220 240 V		
 at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value 			
 at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC 	220 240 V		
 at 50 Hz rated value at 60 Hz rated value control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value 	220 240 ∨ 220 240 ∨ 0.8		
 at 50 Hz rated value at 60 Hz rated value 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 	220 240 V 220 240 V		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC 	220 240 V 220 240 V 0.8 1.1		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz 	220 240 V 220 240 V 0.8 1.1 0.8 1.1		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 50 Hz at 60 Hz 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor 	220 240 V 220 240 V 0.8 1.1 0.8 1.1		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz at 60 Hz at 60 Hz at 60 Hz 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 50 Hz at 60 Hz 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA		
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 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz at 60 Hz 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 6.1 VA		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz at 60 Hz inductive power factor with the holding power of the coil at AC at 50 Hz at 60 Hz	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 590 VA		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz at 60 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz at 50 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 590 VA 0.9 0.9 0.9 0.9 0.9 0.9		
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 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with the holding power of the coil at 50 Hz at 60 Hz 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 590 VA 0.9 0.9 0.9 0.9 0.9 0.9		
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 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz at 60 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 holding power of magnet coil at DC closing delay at AC 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9		
 at 50 Hz rated value at 60 Hz rated value 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 operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz apparent of Hz at 60 Hz apparent holding power of magnet coil at AC at 50 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 	220 240 V 220 240 V 0.8 1.1 0.8 1.1 with varistor 590 VA 590 VA 590 VA 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9		

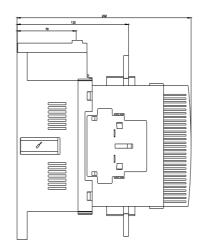
• at AC	40 80 ms				
• at DC	40 80 ms				
arcing time	10 15 ms				
control version of the switch operating mechanism	Standard A1 - A2				
Auxiliary circuit					
number of NC contacts for auxiliary contacts	2				
instantaneous contact					
number of NO contacts for auxiliary contacts instantaneous contact	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	10.4				
• at 24 V rated value	10 A				
at 48 V rated value	2 A				
 at 60 V rated value at 110 V rated value 	2 A 1 A				
at 125 V rated value					
at 125 V rated value at 220 V rated value	0.9 A				
at 220 V rated value	0.3 A 0.1 A				
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)				
UL/CSA ratings					
<pre>full-load current (FLA) for 3-phase AC motor</pre>	302 A				
at 600 V rated value	289 A				
yielded mechanical performance [hp]	209 A				
• for 3-phase AC motor					
— at 200/208 V rated value	100 hp				
— at 220/230 V rated value	125 hp				
— at 460/480 V rated value	250 hp				
— at 575/600 V rated value	250 hp 300 hp				
contact rating of auxiliary contacts according to UL	A600 / Q600				
Short-circuit protection					
design of the fuse link					
for short-circuit protection of the main circuit					
with type of coordination 1 required	gG: 500 A (690 V, 100 kA)				
— with type of assignment 2 required	gG: 500 A (690 V, 100 kA), aM: 400 A (690 V, 50 kA), BS88: 450 A (415				
with type of assignment 2 required	V, 50 kA)				
 for short-circuit protection of the auxiliary switch required 	gG: 10 A (500 V, 1 kA)				
Installation/ mounting/ dimensions					
mounting position	+/-22,5° rotation possible on vertical mounting surface; can be tilted				
	forward and backward by +/- 22.5° on vertical mounting surface; standing, on horizontal mounting surface				
fastening method	screw fixing				
 side-by-side mounting 	Yes				
height	210 mm				
width	145 mm				
depth	206 mm				
required spacing					
• with side-by-side mounting					
— forwards	20 mm				
— upwards	10 mm				

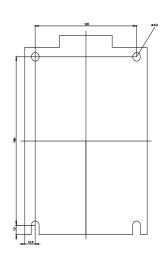
— downwards	10 mm		
— at the side	0 mm		
 for grounded parts 			
— forwards	20 mm		
— upwards	10 mm		
— at the side	10 mm		
— downwards	10 mm		
for live parts			
— forwards	20 mm		
— upwards	10 mm		
— downwards	10 mm		
— at the side	10 mm		
Connections/ Terminals			
type of electrical connection			
for main current circuit	Connection bar		
for auxiliary and control circuit	screw-type terminals		
 at contactor for auxiliary contacts 	Screw-type terminals		
 of magnet coil 	Screw-type terminals		
width of connection bar	25 mm		
thickness of connection bar	6 mm		
diameter of holes	11 mm		
number of holes	1		
connectable conductor cross-section for main contacts			
stranded	$70 - 240 \text{ mm}^2$		
connectable conductor cross-section for auxiliary	70 240 mm²		
contacts	0.5 4 mm ²		
solid or stranded	0.5 4 mm ²		
 finely stranded with core end processing 	0.5 2.5 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)		
— solid or stranded	$2x (0.5 - 1.5 \text{ mm}^2) 2x (0.75 - 2.5 \text{ mm}^2) \text{ max} 2x (0.75 - 4 \text{ mm}^2)$		
 — solid or stranded — finely stranded with core and processing 	2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²), max. 2x (0,75 4 mm ²) 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²)		
— finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
finely stranded with core end processingat AWG cables for auxiliary contacts			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947- 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a IP00; IP20 with box terminal/cover		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a IP00; IP20 with box terminal/cover		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 T1 value for proof test interval or service life according to IEC 61508	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 20 a IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover		
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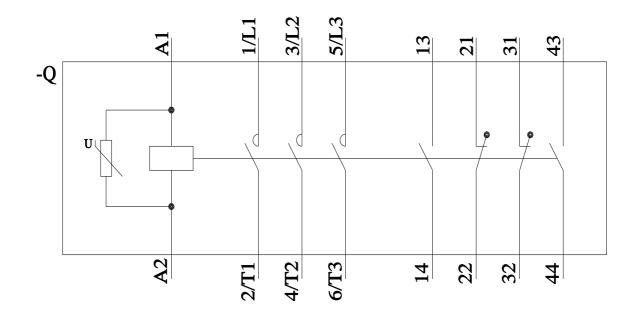
RCM	<u>Type Examination</u> <u>Certificate</u>	CE EG-Konf.	UK CA	Type Test Certific- ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	
Marine / Shipping					other	
ABS	Lloyd's Register uis	PRS	RMRS	DNV-GL EMOLCORNE	<u>Confirmation</u>	
other		Railway				
<u>Miscellaneous</u>	<u>Confirmation</u>	<u>Special Test Certific-</u> <u>ate</u>	Vibration and Shock			
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=3RT1266-6AP36 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1266-6AP36 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RT1266-6AP36 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bildb/cax_de.aspx?mlfb=3RT1266-6AP36⟨=en Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT1266-6AP36						

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1266-6AP36&objecttype=14&gridview=view1









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2/21/2023