SIEMENS

Data sheet 3RT1266-6AR36



vacuum contactor AC-3e/AC-3 300 A, 160 kW / 400 V, 3-pole, Uc: 440-480 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 protective separation 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 %	

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	1 000 V		
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 $^{\circ}\text{C}$ rated value	330 A		
— up to 690 V at ambient temperature 60 $^{\circ}\text{C}$ rated value	300 A		
— up to 1000 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	330 A		
— up to 1000 V at ambient temperature 60 °C rated value	300 A		
• at AC-3			
— 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			
— 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-4 at 400 V rated value 	280 A		
• at AC-6a			
 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	200 A		
— 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 up to 1000 V for current peak value n=30 rated value 	209 A 209 A		
ninimum cross-section in main circuit at maximum AC-1 rated ratue	185 mm²		
operational current for approx. 200000 operating cycles at AC-4			
• at 400 V rated value	140 A		
at 690 V rated value	140 A		
perating 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			
— 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		
operating power for approx. 200000 operating cycles at AC-			

• at 600 Y rated value 79 kW 188 W 188 W 199 kW		
operating paperent power at AG-Sa	• at 400 V rated value	79 kW
up to 280 V for current peak value n=20 rated value 20000 VA	at 690 V rated value	138 kW
up to 400 V for current peak value m=20 rated value 200 000 VA	operating apparent power at AC-6a	
Part 10 500 V for current peak value = 20 reted value 20 000 VA 20 000	 up to 230 V for current peak value n=20 rated value 	120 000 kVA
* up to 1900 V for current peak value n=20 rated value \$20 000 V A	 up to 400 V for current peak value n=20 rated value 	200 000 VA
• up to 1000 V for current peak value n=20 rated value \$00000 VA oup to 230 V for current peak value n=30 rated value 400000 VA • up to 400 V for current peak value n=30 rated value 1400000 VA • up to 500 V for current peak value n=30 rated value 2500000 VA • up to 1000 V for current peak value n=30 rated value 250000 VA • up to 1000 V for current peak value n=30 rated value 250000 VA • at AC 2000 th • at SO Hz raded value 4000 th <td< td=""><td>• up to 500 V for current peak value n=20 rated value</td><td>260 000 VA</td></td<>	• up to 500 V for current peak value n=20 rated value	260 000 VA
operating apparent power at ACEa	• up to 690 V for current peak value n=20 rated value	350 000 VA
up to 230 V for current peak value ne30 rated value 40 000 V A 40 00 V for current peak value ne30 rated value 40 0000 V A 40 000 V A 40 00 V A 40 0	• 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 1000 V for current peak value n=30 rated value 250 000 VA no-loads witching frequency 2000 1/h • at AC 2000 1/h • at BC 2000 1/h • at AC 40 000 1/h • at AC - maximum 250 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 250 1/h • at CAC-1 maximum 40 0.40 0 • at 50 1/c rated value 40 0.40 0 • at 50 1/c rated value 440 0.480 V • at 50 1/c rated value 440 0.480 V • at 50 1/c rated value 440 0.480 V • at 50 1/c rated value 8.1 • full-scale value 8.1 • full-scale value 8.1 • at 50 1/c 8.2 • at 50 1/c 8.2 • at 50 1/c 8.2 </td <td>• up to 400 V for current peak value n=30 rated value</td> <td>140 000 VA</td>	• up to 400 V for current peak value n=30 rated value	140 000 VA
• up to 1000 V for current peak value n=30 rated value 250 000 VA no-loads witching frequency 2000 1/h • at AC 2000 1/h • at BC 2000 1/h • at AC 40 000 1/h • at AC - maximum 250 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 250 1/h • at CAC-1 maximum 40 0.40 0 • at 50 1/c rated value 40 0.40 0 • at 50 1/c rated value 440 0.480 V • at 50 1/c rated value 440 0.480 V • at 50 1/c rated value 440 0.480 V • at 50 1/c rated value 8.1 • full-scale value 8.1 • full-scale value 8.1 • at 50 1/c 8.2 • at 50 1/c 8.2 • at 50 1/c 8.2 </td <td>• up to 500 V for current peak value n=30 rated value</td> <td>180 000 VA</td>	• up to 500 V for current peak value n=30 rated value	180 000 VA
• Up to 10000 V for current peak value n=30 rated value • at IAC • at IDC • at IDC • at IDC • at AC-1 maximum • at AC-2 maximum • at AC-2 maximum • at AC-3 maximum • at AC-4 maximum • at AC-3 maximum • at AC-4	• up to 690 V for current peak value n=30 rated value	250 000 VA
■ al AC		360 000 VA
* all AC		
• at DC operating frequency • at AC-1 maximum • at AC-2 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum • at AC-3 maximum • at AC-4 maximum •		2 000 1/h
		750 1/h
* at AC-3e maximum		
• at AC-4 maximum 250 tile Control surply voltage of the control surply voltage 260 the control surply voltage at AC 400 control surply voltage at AC 410480 V 480		
Control circuit/ Control Cype of voltage of the control supply voltage AC/DC control supply voltage at AC ** ** at 50 Hz rated value 440 480 V control supply voltage at DC ** ** (rated value) 440 480 V Operating range factor control supply voltage rated value of magnet coil at DC ** ** (initial value) 0.8 ** (initial value) 1.1 ** (initial value) 0.8 1.1 ** (initial value) 0.9 1.1 ** (initial value) 0.9		
type of voltage of the control supply voltage at AC Control supply voltage at AC • at 50 Hz rated value 440 480 V • at 60 Hz rated value 440 480 V • rated value 440 480 V control supply voltage at DC *** • rated value 440 480 V operating range factor control supply voltage rated value of magnet coil at DC 0.8 • full-scale value 1.1 operating range factor control supply voltage rated value of magnet coil at AC 8.8 1.1 • at 50 Hz 0.8 1.1 • at 60 Hz 0.8 1.1 • at 50 Hz 0.8 1.1 • at 50 Hz 0.8 1.1 • at 80 Hz 590 VA • at 80 Hz 590 VA inductive power factor with closing power of the coil 9 • at 80 Hz 0.9 • at 80 Hz 6.1 VA • at 80 Hz 9 • at 80 Hz 9.9 • at 80 Hz 9.9		200 1/11
control supply voltage at AC 440 480 V • at 50 Hz rated value 440 480 V control supply voltage at DC 440 480 V • rated value 440 480 V operating range factor control supply voltage rated value of magnet coll at DC 0.8 • full-scale value 1.1 operating range factor control supply voltage rated value of magnet coll at AC 0.8 1.1 • at 50 Hz 0.8 1.1 • at 60 Hz 0.8 1.1 • at 50 Hz 0.8 1.1 • at 50 Hz 0.8 1.1 • at 50 Hz 590 VA • at 50 Hz 590 VA • at 50 Hz 0.9 • at 50 Hz 0.9 • at 50 Hz 0.9 • at 50 Hz 6.1 VA • at 50 Hz 6.1 VA • at 50 Hz 0.9 • at 50 Hz 0.9 • at 50 Hz 6.1 VA • at 50 Hz 0.9		AC/DC
• at 50 Hz rated value • at 60 Hz rated value • at 60 Hz rated value • at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 60 Hz rated value • (at 6		AC/DC
• at 60 Hz rated value control supply voltage at DC • rated value deformagnet coli at DC • initial value • initial value • initiacsale value operating range factor control supply voltage rated value of magnet coli at DC • initial value • initiacsale value operating range factor control supply voltage rated value of magnet coli at AC • at 50 Hz • at 60 H		440 400 \
control supply voltage at DC		
operating range factor control supply voltage rated value of magnet coil at DC olinitial value ofull-scale value operating range factor control supply voltage rated value of magnet coil at AC el at 50 Hz el at 60 Hz olesign of the surge suppressor apparent pick-up power of magnet coil at AC el at 50 Hz el at 60 Hz olesign of the surge suppressor apparent pick-up power of magnet coil at AC el at 50 Hz el at 60 Hz olesign of the surge suppressor apparent pick-up power of magnet coil at AC el at 50 Hz el at 60 Hz olesign of the surge suppressor apparent pick-up power of magnet coil at AC el at 50 Hz el at 60 Hz olesign of the surge suppressor apparent pick-up power factor with closing power of the coil el at 50 Hz el at 60 Hz olesign of magnet coil at AC el at 50 Hz el at 60 Hz olesign of magnet coil at AC el at 50 Hz el at 60 Hz olesign opwer factor with the holding power of the coil el at 50 Hz el at 60 Hz olesign power of magnet coil at DC olesing power of magnet coil at DC olesing power of magnet coil at DC olesing delay el at AC el at DC olesing dela		440 480 V
operating range factor control supply voltage rated value of magnet coil at DC 0.8 • initial value 0.8 • full-scale value 1.1 operating range factor control supply voltage rated value of magnet coil at AC 0.8 1.1 • at 50 Hz 590 VA • at 50 Hz 590 VA • at 60 Hz 590 VA inductive power factor with closing power of the coil 0.9 • at 50 Hz 0.9 • at 50 Hz 6.1 VA • at 50 Hz 6.1 VA • at 50 Hz 0.9 • at 50 Hz 0.9 • at 50 Hz 0.9 • at 60 Hz		440 400 1/
magnet coil at DC		440 480 V
• initial value 0.8 1.1		
• full-scale value		0.8
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 inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz inductive power factor with coil at AC • at 60 Hz • at 60 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 • at 50 Hz • at 60 Hz cat 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 closing power of magnet coil at DC closing delay • at AC • at DC at AC • at DC arcing time 10 15 ms		
	operating range factor control supply voltage rated value of	
		0.8 1.1
design of the surge suppressor with varistor apparent pick-up power of magnet coil at AC 590 VA • at 50 Hz 590 VA • at 60 Hz 590 VA inductive power factor with closing power of the coil 0.9 • at 50 Hz 0.9 • at 50 Hz 6.1 VA • at 50 Hz 6.1 VA • at 50 Hz 0.9 • at 50 Hz 0.9 • at 50 Hz 0.9 • at 60 Hz 0.9 • at AC 30 95 ms • at DC 40 80 ms <tr< td=""><td></td><td></td></tr<>		
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 6.1 VA • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz 10.9 at 50 Hz • at 60 Hz 10.9 closing power of magnet coil at DC holding power of magnet coil at DC 20.9 closing power of magnet coil at DC bolding power of magnet coil at DC 20.9 closing delay • at AC • at DC 30 95 ms opening delay • at AC • at DC 40 80 ms arcing time 10 15 ms		
• at 60 Hz 590 VA inductive power factor with closing power of the coil • at 50 Hz 0.9 at 60 Hz 0.9 apparent holding power of magnet coil at AC • at 50 Hz 6.1 VA • at 60 Hz 6.1 VA inductive power factor with the holding power of the coil • at 50 Hz 0.9 • at 50 Hz 0.9 closing power of magnet coil at DC 700 W holding power of magnet coil at DC 8.2 W closing delay • at AC 30 95 ms • at DC 30 95 ms • at DC 40 80 ms • at DC 40 80 ms arcing time 10 15 ms		590 VA
inductive power factor with closing power of the coil 0.9 • at 50 Hz 0.9 • at 60 Hz 0.9 apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz 6.1 VA inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz 0.9 closing power of magnet coil at DC 700 W holding power of magnet coil at DC 8.2 W closing delay • at AC 30 95 ms • at DC 30 95 ms opening delay • at AC 40 80 ms • at DC 40 80 ms • at DC 40 80 ms • at DC 40 80 ms		
■ 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 closing power of magnet coil at DC holding power of magnet coil at DC closing delay ■ at AC ■ at DC 30 95 ms opening delay ■ at AC 40 80 ms ■ at DC arcing time 10 15 ms		0.9
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 • at 60 Hz • at 60 Hz Closing power of magnet coil at DC holding power of magnet coil at DC closing delay • at AC • at DC • at DC opening delay • at AC • at DC opening delay • at DC opening delay • at AC opening		
■ at 50 Hz ■ at 60 Hz ■ at 60 Hz ■ at 50 Hz ■ at 50 Hz ■ at 50 Hz ■ at 60 Hz □ 0.9 Closing power of magnet coil at DC † 700 W holding power of magnet coil at DC **8.2 W** closing delay ■ at AC ■ at DC **30 95 ms opening delay ■ at AC ■ at DC **30 ms •*30 ms arcing time **30 Hz **		
		6.1 VA
inductive power factor with the holding power of the coil 0.9 • at 50 Hz 0.9 • at 60 Hz 0.9 closing power of magnet coil at DC 700 W holding power of magnet coil at DC 8.2 W closing delay • at AC 30 95 ms • at DC 30 95 ms opening delay • at AC 40 80 ms • at DC 40 80 ms arcing time 10 15 ms		
• 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		0.1 171
● at 60 Hz closing power of magnet coil at DC holding power of magnet coil at DC 8.2 W closing delay ● at AC ● at DC opening delay ● at AC ● at BO ms arcing time 10 15 ms		0.0
closing power of magnet coil at DC 700 W holding power of magnet coil at DC 8.2 W closing delay at AC at DC 30 95 ms 30 95 ms opening delay at AC at DC at DC at DC at DC 40 80 ms arcing time 10 15 ms		
holding power of magnet coil at DC 8.2 W closing delay 30 95 ms • at DC 30 95 ms opening delay 40 80 ms • at DC 40 80 ms arcing time 10 15 ms		
closing delay 30 95 ms ● at DC 30 95 ms opening delay 40 80 ms ● at DC 40 80 ms arcing time 10 15 ms	•	
 at AC at DC 30 95 ms opening delay at AC at DC 40 80 ms at DC 40 80 ms arcing time 10 15 ms 		U.2 VV
● at DC 30 95 ms opening delay ● at AC 40 80 ms ● at DC 40 80 ms arcing time 10 15 ms		30 05 mg
opening delay ● at AC 40 80 ms ● at DC 40 80 ms arcing time 10 15 ms		
● at AC		วบ ชอ IIIS
● at DC 40 80 ms arcing time 10 15 ms		40 00
arcing time 10 15 ms		
ÿ		
control version of the switch operating mechanism Standard A1 - A2		
	control version of the switch operating mechanism	Standard A1 - A2

Auxiliary circuit			
number of NC contacts for auxiliary contacts instantaneous	2		
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			
at 24 V rated value	10 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		
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)		
UL/CSA ratings			
full-load current (FLA) for 3-phase AC motor			
at 480 V rated value	302 A		
• at 600 V rated value	289 A		
yielded mechanical performance [hp]			
• 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	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 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	·		
- ioi groundou parto			

— 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 mm²
connectable conductor cross-section for auxiliary contacts	
 solid or stranded 	0.5 4 mm²
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 mm²), 2x (0,75 2,5 mm²), max. 2x (0,75 4 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
for AWG cables for auxiliary contacts	2x (20 16), 2x (18 14), 1x 12
AWG number as coded connectable conductor cross section	
for auxiliary contacts	18 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
T1 value for proof test interval or service life according to IEC 61508	20 a
protection class IP on the front according to IEC 60529	IP00; IP20 with box terminal/cover
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front with box terminal/cover
suitability for use	
 safety-related switching OFF 	Yes
Certificates/ approvals	
General Product Approval	



Confirmation





<u>KC</u>



Functional

EMC Safety/Safety of Machinery

Declaration of Conformity Test Certificates



Type Examination Certificate





Special Test Certificate

Type Test Certificates/Test Report

Marine / Shipping other













other		Railway		
Miscellaneous	Confirmation	Vibration and Shock	Special Test Certific-	

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=3RT1266-6AR36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1266-6AR36

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1266-6AR36

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

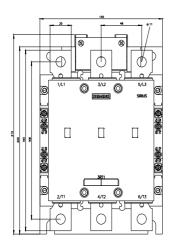
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1266-6AR36&lang=en

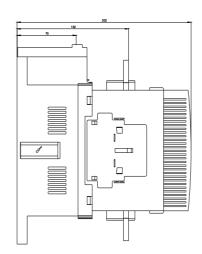
Characteristic: Tripping characteristics, I2t, Let-through current

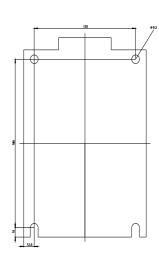
https://support.industry.siemens.com/cs/ww/en/ps/3RT1266-6AR36/char

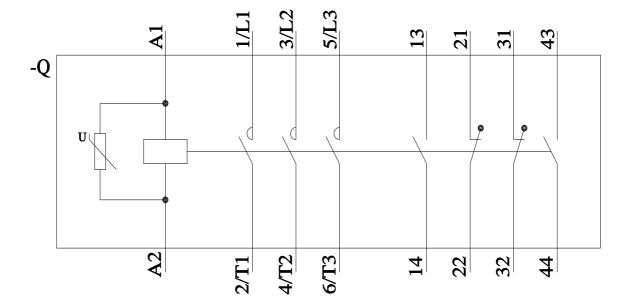
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1266-6AR36&objecttype=14&gridview=view1









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