## **SIEMENS**

Data sheet 3RT1065-2NP36



power contactor, AC-3e/AC-3 265 A, 132 kW / 400 V AC (50-60 Hz) / DC Uc: 200-277 V PLC input 24 V DC 3-pole, auxiliary contacts 2 NO + 2 NC drive: electronic main circuit: busbar control and auxiliary circuit: spring-loaded terminal

product brand name	SIRIUS		
product designation	Power contactor		
product type designation	3RT1		
eneral technical data			
size of contactor	S10		
product extension			
<ul> <li>function module for communication</li> </ul>	No		
auxiliary switch	Yes		
power loss [W] for rated value of the current			
<ul> <li>at AC in hot operating state</li> </ul>	54 W		
<ul> <li>at AC in hot operating state per pole</li> </ul>	18 W		
<ul> <li>without load current share typical</li> </ul>	3.4 W		
type of calculation of power loss depending on pole	quadratic		
insulation voltage			
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	1 000 V		
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	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		
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	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		
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1		
Weight	6.549 kg		
mbient conditions			
installation altitude at height above sea level maximum	2 000 m		
ambient temperature			

during operation	-25 +60 °C
during operation     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
number of NC contacts for main contacts	0
operating voltage	
• at AC-3 rated value maximum	1 000 V
at AC-3e rated value maximum	1 000 V
operational current	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated value</li> <li>at AC-1</li> </ul>	330 A
— 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 $^{\circ}\text{C}$ rated value	150 A
<ul> <li>up to 1000 V at ambient temperature 60 °C rated value</li> <li>at AC-3</li> </ul>	150 A
— at 400 V rated value	265 A
— at 500 V rated value	265 A
— at 690 V rated value	265 A
— at 1000 V rated value	95 A
• at AC-3e	
— at 400 V rated value	265 A
— at 500 V rated value	265 A
— at 690 V rated value	265 A
— at 1000 V rated value	95 A
• at AC-4 at 400 V rated value	230 A
• at AC-5a up to 690 V rated value	290 A
at AC-5b up to 400 V rated value	219 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	265 A
— up to 400 V for current peak value n=20 rated value	265 A
— up to 500 V for current peak value n=20 rated value	265 A
— up to 690 V for current peak value n=20 rated value	265 A
— up to 1000 V for current peak value n=20 rated value	95 A
at AC-6a  — up to 230 V for current peak value n=30 rated value.	184 A
<ul> <li>up to 230 V for current peak value n=30 rated value</li> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	184 A
up to 400 V for current peak value n=30 rated value      up to 500 V for current peak value n=30 rated value	184 A
up to 500 V for current peak value n=30 rated value      up to 690 V for current peak value n=30 rated value	184 A
up to 1000 V for current peak value n=30 rated value value  value	95 A
minimum cross-section in main circuit at maximum AC-1 rated value	185 mm²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	117 A
at 690 V rated value	105 A
operational current	
at 1 current path at DC-1	
— at 24 V rated value	300 A
— at 60 V rated value	300 A
— at 110 V rated value	33 A
— at 220 V rated value	3.8 A
— at 440 V rated value	0.9 A

— at 600 V rated value	0.6 A
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	300 A
— at 60 V rated value	300 A
— at 110 V rated value	300 A
— at 220 V rated value	300 A
— at 440 V rated value	4 A
— at 600 V rated value	2 A
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	300 A
— at 60 V rated value	300 A
— at 110 V rated value	300 A
— at 220 V rated value	300 A
— at 440 V rated value	11 A
— at 600 V rated value	5.2 A
• at 1 current path at DC-3 at DC-5	
— at 24 V rated value	300 A
— at 60 V rated value	11 A
— at 110 V rated value	3 A
— at 220 V rated value	0.6 A
— at 440 V rated value	0.18 A
— at 600 V rated value	0.125 A
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	300 A
— at 60 V rated value	300 A
— at 110 V rated value	300 A
— at 220 V rated value	2.5 A
— at 440 V rated value	0.65 A
— at 600 V rated value	0.37 A
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	300 A
— at 60 V rated value	300 A
— at 110 V rated value	300 A
— at 220 V rated value	300 A
— at 440 V rated value	1.4 A
— at 600 V rated value	0.75 A
operating power	
• at AC-3	
— at 230 V rated value	75 kW
— at 400 V rated value	132 kW
— at 500 V rated value	160 kW
— at 690 V rated value	250 kW
— at 1000 V rated value	132 kW
• at AC-3e	
— at 230 V rated value	75 kW
— at 400 V rated value	132 kW
— at 500 V rated value	160 kW
— at 690 V rated value	250 kW
— at 1000 V rated value	132 kW
operating power for approx. 200000 operating cycles at AC-	
4	
• at 400 V rated value	66 kW
at 690 V rated value	102 kW
operating apparent power at AC-6a	
up to 230 V for current peak value n=20 rated value	100 kVA
• up to 400 V for current peak value n=20 rated value	180 kVA
up to 500 V for current peak value n=20 rated value	220 kVA
• up to 690 V for current peak value n=20 rated value	310 kVA
up to 1000 V for current peak value n=20 rated value	160 kVA
operating apparent power at AC-6a	70 144
up to 230 V for current peak value n=30 rated value	70 kVA

* up to 400 V for current peak value n=30 rated value * up to 500 V for current peak value n=30 rated value * up to 1000 V for current peak value n=30 rated value * up to 1000 V for current peak value n=30 rated value * up to 1000 V for current peak value n=30 rated value * up to 1000 V for current peak value n=30 rated value * up to 1000 V for current nacimum * limited to 1 s waldering at zero current maximum * limited to 1 s waldering at zero current maximum * limited to 15 s waldering at zero current randemum * limited to 10 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * limited to 30 s waldering at zero current randemum * at AC-3 maximum * at AC-3 m				
• up to 1600 V for current peak value n=30 rated value - up to 1000 V for current peak value n=30 rated value - limited to 1 a switching at zero current maximum - limited to 1 a switching at zero current maximum - limited to 10 a switching at zero current maximum - limited to 10 a switching at zero current maximum - limited to 10 a switching at zero current maximum - limited to 10 a switching at zero current maximum - limited to 10 a switching at zero current maximum - limited to 10 a switching at zero current maximum - limited to 10 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 10 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - limited to 20 a switching at zero current maximum - at 20 a switching at zero current maximum - at 20 a switching at zero current maximum - at 20 a switching at 20	• up to 400 V for current peak value n=30 rated value	120 kVA		
# up to 1000 V for current peak value m=00 rated value hort-time withstand current in cold operating state up to 40 °C will midst of 1 s switching at zero current maximum 4 kilmidst to 1 s switching at zero current maximum 4 kilmidst to 10 s switching at zero current maximum 5 kilmidst to 10 s switching at zero current maximum 1 6 kilmidst to 10 s switching at zero current maximum 1 7 6 k , User minimum cross-section acc. to AC-1 rated value 2 7 8 k , User minimum cross-section acc. to AC-1 rated value 1 6 k , User minimum cross-section acc. to AC-1 rated value 1 7 6 k , User minimum cross-section acc. to AC-1 ra	• up to 500 V for current peak value n=30 rated value	150 kVA		
short-time withstand current in cold operating state up to 40°C  I mided to 1 a switching at zero current maximum  I mided to 10 a switching at zero current maximum  I mided to 10 a switching at zero current maximum  I mided to 10 a switching at zero current maximum  I mided to 10 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching frequency  I mided to 80 a switching at zero current maximum  I mided to 80 a switching frequency  I mided to 80 a switching frequency  I mided to 80 a switching frequency  I mided to 80 a switching at zero current maximum  I mided to 80 a switching frequency  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum  I mided to 80 a switching at zero current maximum zero zero with closing power of the coil  I mided to 80 tz  I mided		220 kVA		
### with the control supply voltage at AC  ### at AC-4 maximum  ### of Control supply voltage at AC  ### at SO 14 Control supply voltage at AC  ### at SO 14 Control supply voltage at AC  ### at SO 14 Control supply voltage at AC  ### at SO 15 Diz  ### at SO 12 Control input according to IEC 60947-1  *## at SO 12 Control input according to IEC 60947-1  *## at SO 12 Control input according to IEC 60947-1  *## at SO 12 Control input according to IEC 60947-1  *## at SO 12 Control input according to IEC 60947-1  *## at SO 14 Control input according to IEC 60947-1  *## at SO 14 Control input according to IEC 60947-1  *## at SO 14 Control input according to IEC 60947-1  *## at SO 14 Control input according to IEC 60947-1  *## at SO 14 Control input according to IEC 60947-1  *## at SO 14 Control input according to IEC 60947-1  *## at SO 15 Diz  *## at SO 14 Control input according to IEC 60947-1  *## at SO 15 Diz  *## at SO	up to 1000 V for current peak value n=30 rated value	160 kVA		
Minded to 16 a switching at zero current maximum   4 old 5 k, Use minimum cross-section acc to AC-1 rated value   1 minded to 30 s evitching at zero current maximum   1 old 4 k, Use minimum cross-section acc to AC-1 rated value   1 zero k, Use minimum cross-section acc to AC-1 rated value   1 zero k, Use minimum cross-section acc to AC-1 rated value   1 zero k, Use minimum cross-section acc to AC-1 rated value   1 zero k, Use minimum cross-section acc to AC-1 rated value   1 zero k, Use minimum cross-section acc to AC-1 rated value   1 zero k, Use minimum cross-section acc to AC-1 rated value   1 zero k, Use minimum cross-section acc to AC-1 rated value   1 zero k, Use minimum cross-section acc to AC-1 rated value   2 zero k, Use m				
Imitiate to 10 s evitching at zero current maximum   1864 A; Use minimum cross-section acc. to AC-1 rated value   1 minde to 60 s evitching at zero current maximum   1 278 A; Use minimum cross-section acc. to AC-1 rated value   1 100 of th   1000 of	<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	4 880 A; Use minimum cross-section acc. to AC-1 rated value		
• Imitined to 20 a switching at zero current maximum   1 266 Å; Use minimum cross-section acc. to AC-1 rated value	<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	4 045 A; Use minimum cross-section acc. to AC-1 rated value		
mimided to 60 a switching at zero current maximum   1 276 A; Use minimum cross-section acc. to AC-1 rated value   no-load switching frequency   1 000 1/h   1 00	<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	2 785 A; Use minimum cross-section acc. to AC-1 rated value		
no-load switching frequency  ■ alt AC  ■ 1 000 1/h  ■ alt CC  1 000 1/h  ■ alt AC  ■ ansimum  ■ alt AC2 maximum  ■ alt AC3 maximum  ■ alt AC3 maximum  ■ alt AC4 maximum  ■ 500 1/h  ■ alt AC3 maximum  ■ 500 1/h  ■ alt AC4 maximum  ■ 600 1/h  ■ alt AC4 maximum  ■ 600 1/h  ■ alt AC4 maximum  ■ 600 1/h  ■ alt AC5 maximum  ■ 600 1/h  ■ alt AC5 maximum  ■ 600 1/h  ■ alt AC7 maximum  ■ 600 1/h  ■ 600 1	<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	1 664 A; Use minimum cross-section acc. to AC-1 rated value		
	<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	1 276 A; Use minimum cross-section acc. to AC-1 rated value		
■ at DC     Operating frequency     ■ at AC-2 maximum     ■ at AC-3 maximum     ■ at AC-4 maximum     ■	no-load switching frequency			
Operating frequency	• at AC	1 000 1/h		
e at AC-1 maximum 250 l/h 250	• at DC	1 000 1/h		
• at AC-2 maximum	operating frequency			
at AC-3 maximum at AC-3 maximum both AC-3e — maximum at AC-4 maximum both AC-3e — maximum both AC-3e — maximum both AC-3e — maximum both AC-3e  at SO Hz raded value both AC-3e at SO Hz raded value both AC-3e at SO Hz raded value control supply voltage at DC raded value at 80 Hz raded value both AC-3e at SO Hz raded value control supply voltage at DC raded value control supply voltage at DC raded value control supply voltage at DC raded value both AC-3e at SO Hz at SO Hz both AC-3e at SO Hz both AC-3e at SO Hz at SO Hz at SO Hz both AC-3e at SO Hz at SO Hz both AC-3e at SO Hz at SO Hz both AC-3e	• at AC-1 maximum	800 1/h		
• at AC-3e — maximum 500 1/h 130 1/h 130 1/h 150 1/h 1	• at AC-2 maximum	250 1/h		
at AC-4 maximum at AC-4 maximum 139 1/h 139 1/	• at AC-3 maximum	500 1/h		
at AC-4 maximum       130 1/h       Control Circuit/ Control       Uspe of Votlage of the control supply voltage       200 277 V	• at AC-3e			
Control circuit/ Control         AC/DC           type of voltage of the control supply voltage at AC         at 50 Hz rated value         200 277 V           e at 60 Hz rated value         200 277 V           control supply voltage at DC rated value         200 277 V           operating range factor control supply voltage rated value of magnet coil at DC         0.8           e linitial value         0.8           • Initial value         0.8 <tr< td=""><td>— maximum</td><td>500 1/h</td></tr<>	— maximum	500 1/h		
type of voltage of the control supply voltage control supply voltage at AC	• at AC-4 maximum	130 1/h		
control supply voltage at AC  at 50 Hz rated value 200 277 V  control supply voltage at DC rated value 200 277 V  control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC  initial value 0.8  full-scale value 0.8  at 50 Hz 0.8 1.1  at 60 Hz 0.8 1.1  ype of PLC-control input according to IEC 60947-1 Type 2  consumed current at PLC-control input according to IEC 60947-1 consumed current at PLC-control input according to IEC 60947-1 consumed current at PLC-control input according to IEC 60947-1 maximum voltage at PLC-control input rated value operating range factor of the voltage at PLC-control input design of the surge suppressor apparent pick-up power  at minimum rated control supply voltage at AC  at 50 Hz  at 60 Hz  at 50 Hz  at 50 Hz  at 60 Hz  at maximum rated control supply voltage at DC  at maximum rated control supply voltage at DC  at minimum rated control supply voltage	Control circuit/ Control			
at 50 Hz rated value at 60 Hz rated value 200 277 V at 60 Hz rated value 200 277 V  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  operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz  operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz  operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz  operating range factor control supply voltage rated value of magnet coil at AC  at 50 Hz  voltage at PLC-control input according to IEC 60947-1 Type 2  consumed current at PLC-control input according to IEC 60947-1 Type 2  commend current at PLC-control input according to IEC 60947-1 Type 2  commend current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 60947-1 Type 2  command current at PLC-control input according to IEC 6	type of voltage of the control supply voltage	AC/DC		
e 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  e initial value e full-scale value 0.8  - full-scale value 0.81.1  - at 60 Hz  e at 60 Hz  consumed current at PLC-control input according to IEC 69847-1 maximum voltage at PLC-control input rated value 0.81.1  design of the surge suppressor apparent pick-up power  • at minimum rated control supply voltage at AC  - at 50 Hz  - at 60 Hz  - at 6	control supply voltage at AC			
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  • full-scale value  • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz  consumed current at PLC-control input according to IEC 60947-1  type of PLC-control input rated value operating range factor of the voltage at PLC-control input according to IEC 0947-1 maximum  voltage at PLC-control input rated value operating range factor of the voltage at PLC-control input design of the surge suppressor  with varistor  apparent pick-up power • at minimum rated control supply voltage at AC — at 60 Hz — at 60 Hz • at maximum rated control supply voltage at AC — at 60 Hz • at 50 Hz • at 60 Hz • 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 DC • at maximum rated control supply voltage at DC • at maximum rated control supply voltage at DC • 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 minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated co	• at 50 Hz rated value	200 277 V		
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  ostation of the voltage at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1  consumed current at Consumer according to IEC 60947-1  apparent pick-up power of magnet coll at AC 6  at 60 Hz 60 H	at 60 Hz rated value	200 277 V		
magnet coil at DC  initial value  full-scale value  0.8  full-scale value  1.1  operating range factor control supply voltage rated value of magnet coil at AC  at 50 Hz  o at 60 Hz  voltage at PLC-control input according to IEC 60947-1  type of PLC-control input according to IEC 60947-1  type of PLC-control input according to IEC 60947-1  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input  design of the surge suppressor  apparent pick-up power  at maximum rated control supply voltage at AC  — at 50 Hz — at 60 Hz — at 50 Hz — at 50 Hz — at 50 Hz  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  530 VA  at 60 Hz  inductive power factor with closing power of the coil  at 50 Hz  at 60 Hz  at 60 Hz  530 VA  at 60 Hz  530 VA  at 60 Hz  at 60 Hz  530 VA  at 60 Hz  at 60 Hz  530 VA  at 60 Hz  530 VA  530 V	control supply voltage at DC rated value	200 277 V		
initial value  if till-scale value  operating range factor control supply voltage rated value of magnet coil at AC  it so htz  at 60 htz  other control input according to IEC 60947-1  type of PLC-control input according to IEC 60947-1  type 2  consumed current at PLC-control input according to IEC 60947-1  movinum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input  design of the surge suppressor  apparent pick-up power  at minimum rated control supply voltage at AC  —at 50 htz  at maximum rated control supply voltage at AC  —at 60 htz  so 30 VA  apparent pick-up power of magnet coil at AC  at 50 htz  so 30 VA  at 50 htz  at 50 htz  so 30 VA  inductive power factor with closing power of the coil  at 50 htz  at 60 htz  0.8  at 60 htz  0.8  apparent holding power  at minimum rated control supply voltage at DC  at maximum rated control supply voltage at DC  at minimum rated control supply voltage at DC  at minimum rated control supply voltage at DC  at minimum rated control supply voltage at DC  at maximum rated control supply voltage at DC  at minimum rated control supply voltage at DC				
operating range factor control supply voltage rated value of magnet coil at AC  • at 50 Hz • at 60 Hz • at 60 Hz  type of PLC-control input according to IEC 60947-1  type of PLC-control input according to IEC 60947-1  Type 2  consumed current at PLC-control input according to IEC 60947-1  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input  design of the surge suppressor  with varistor  apparent pick-up power  • at minimum rated control supply voltage at AC  — at 50 Hz — at 60 Hz — at 60 Hz — at 50 Hz — at 50 Hz — at 50 Hz  • at 60 Hz  • 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 minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at 60 Hz  • at 60 Hz  • 5.5 VA  • 5.5 VA		0.0		
operating range factor control supply voltage rated value of magnet coil at AC  at 50 Hz  at 60 Hz  type of PLC-control input according to IEC 60947-1  Type 2  consumed current at PLC-control input according to IEC 60947-1  Type 2  consumed current at PLC-control input according to IEC 60947-1  woltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power  at minimum rated control supply voltage at AC				
### ### #############################		1.1		
* at 60 Hz      type of PLC-control input according to IEC 60947-1     Type 2  consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed current at PLC-control input according to IEC 60947-1     consumed according to IEC 6094				
type of PLC-control input according to IEC 60947-1  consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value  operating range factor of the voltage at PLC-control input  design of the surge suppressor  apparent pick-up power  • at minimum rated control supply voltage at AC  — at 50 Hz — at 60 Hz — at 60 Hz — at 50 Hz — at 50 Hz  apparent pick-up power of magnet coil at AC  • at 50 Hz • at 60 Hz  • at 60 Hz  • at 60 Hz  at 60 Hz  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at 50 Hz  • at 60 Hz   5.5 VA	● at 50 Hz	0.8 1.1		
consumed current at PLC-control input according to IEC 60947-1 maximum  voltage at PLC-control input rated value operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power  • at minimum rated control supply voltage at AC — at 50 Hz — at 60 Hz — at 60 Hz — at 50 Hz — at 50 Hz — at 50 Hz  • at maximum rated control supply voltage at AC — at 50 Hz — at 50 Hz  • at 50 Hz • at 50 Hz • at 60 Hz  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 minimum rated control supply voltage at AC — at 50 Hz — 5.5 VA	• at 60 Hz	0.8 1.1		
60947-1 maximum       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 varistor       apparent pick-up power     • at minimum rated control supply voltage at AC       — at 50 Hz     400 VA       — at 60 Hz     530 VA       — at 50 Hz     530 VA       apparent pick-up power of magnet coil at AC     530 VA       • at 50 Hz     530 VA       • at 60 Hz     530 VA       inductive power factor with closing power of the coil     0.8       • at 50 Hz     0.8       • at 60 Hz     0.8       apparent holding power     • at minimum rated control supply voltage at DC     2.8 VA       • at maximum rated control supply voltage at DC     3.4 VA       apparent holding power     • at minimum rated control supply voltage at AC     5.5 VA       — at 50 Hz     5.5 VA       • at minimum rated control supply voltage at AC     5.5 VA       — at 50 Hz     5.5 VA       • at minimum rated control supply voltage at AC     5.5 VA       — at 60 Hz     5.5 VA       • at minimum rated control supply voltage at AC     5.5 VA       — at 60 Hz     5.5 VA	type of PLC-control input according to IEC 60947-1	Type 2		
operating range factor of the voltage at PLC-control input design of the surge suppressor  apparent pick-up power  • at minimum rated control supply voltage at AC  — at 50 Hz — at 60 Hz — at 60 Hz — at 50 Hz — at 50 Hz — at 50 Hz  apparent pick-up power of magnet coil at AC  • at 50 Hz • at 50 Hz  • at 50 Hz  • 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  • at minimum rated control supply voltage at DC • at maximum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at AC — at 50 Hz — at 60 Hz  5.5 VA	·	20 mA		
design of the surge suppressor  apparent pick-up 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  — at 50 Hz  apparent pick-up power of magnet coil at AC  • at 50 Hz  • at 50 Hz  • at 60 Hz  inductive power factor with closing power of the coil  • at 50 Hz  • at 60 Hz  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 minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at DC  • at minimum rated control supply voltage at AC  — at 50 Hz  — at 60 Hz  5.5 VA	voltage at PLC-control input rated value	24 V		
apparent pick-up power  • at minimum rated control supply voltage at AC  — at 50 Hz — at 60 Hz  • at maximum rated control supply voltage at AC  — at 60 Hz — at 50 Hz — at 50 Hz  apparent pick-up power of magnet coil at AC  • at 50 Hz • at 60 Hz  • at 60 Hz  • at 50 Hz  • at 60 Hz  and to the coil • at 50 Hz • at 60 Hz  • at 60 Hz  • at 60 Hz  • at 60 Hz  • at 60 Hz  • at 60 Hz  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 minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at minimum rated control supply voltage at DC • at 50 Hz — at 60 Hz  5.5 VA	operating range factor of the voltage at PLC-control input	0.8 1.1		
at minimum rated control supply voltage at AC  — at 50 Hz — at 60 Hz — at 60 Hz — at 60 Hz — at 50 Hz  saparent pick-up power of magnet coil at AC  at 50 Hz at 60 Hz  at 60 Hz  530 VA  530 VA  saparent pick-up power factor with closing power of the coil  at 50 Hz  at 50 Hz  at 60 Hz  0.8  at 60 Hz  at 60 Hz  at 60 Hz  apparent holding power  at minimum rated control supply voltage at DC  at maximum rated control supply voltage at DC  at minimum rated control supply voltage at DC  at minimum rated control supply voltage at AC — at 50 Hz — at 60 Hz  5.5 VA  5.5 VA  5.5 VA	design of the surge suppressor	with varistor		
- at 50 Hz - at 60 Hz 400 VA  • at maximum rated control supply voltage at AC - at 60 Hz 530 VA apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz 530 VA  • at 60 Hz  inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz  at 60 Hz  at 60 Hz  2.8 VA  apparent holding power • at minimum rated control supply voltage at DC apparent holding power • at minimum rated control supply voltage at DC apparent holding power • at minimum rated control supply voltage at DC  apparent holding power • at minimum rated control supply voltage at DC 5.5 VA - at 60 Hz  5.5 VA	apparent pick-up power			
- at 60 Hz  • at maximum rated control supply voltage at AC  - at 60 Hz  - at 50 Hz  530 VA  apparent pick-up power of magnet coil at AC  • at 50 Hz  • at 60 Hz  530 VA  inductive power factor with closing power of the coil  • at 50 Hz  • at 60 Hz  0.8  • at 60 Hz  apparent holding power  • 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 DC  apparent holding power  • at minimum rated control supply voltage at DC  apparent holding power  • at minimum rated control supply voltage at AC  - at 50 Hz  - at 60 Hz  5.5 VA  5.5 VA	<ul> <li>at minimum rated control supply voltage at AC</li> </ul>			
at maximum rated control supply voltage at AC  — at 60 Hz — at 50 Hz  530 VA  apparent pick-up power of magnet coil at AC  • at 50 Hz • at 60 Hz  • at 60 Hz  • at 60 Hz  • at 50 Hz  • at 60 Hz  0.8  • at 60 Hz  apparent holding power  • 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 DC  at 50 Hz  - at 50 Hz  - at 60 Hz  530 VA  540 V	— at 50 Hz	400 VA		
- at 50 Hz 530 VA - at 50 Hz 530 VA  apparent pick-up power of magnet coil at AC  • at 50 Hz 530 VA  • at 60 Hz 530 VA  inductive power factor with closing power of the coil • at 50 Hz 0.8 • at 60 Hz 0.8  apparent holding power • at minimum rated control supply voltage at DC 2.8 VA • at maximum rated control supply voltage at DC 3.4 VA  apparent holding power • at minimum rated control supply voltage at AC - at 50 Hz 5.5 VA - at 60 Hz 5.5 VA	— at 60 Hz	400 VA		
- at 50 Hz  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  0.8 • at 60 Hz  apparent holding power • 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 DC  apparent holding power • at minimum rated control supply voltage at DC  apparent holding power • at minimum rated control supply voltage at AC  - at 50 Hz  - at 60 Hz  5.5 VA	<ul> <li>at maximum rated control supply voltage at AC</li> </ul>			
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  0.8  apparent holding power • 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 DC  at minimum rated control supply voltage at DC  at minimum rated control supply voltage at DC  - at 50 Hz - at 60 Hz  5.5 VA  5.5 VA	— at 60 Hz	530 VA		
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>at 60 Hz</li> <li>at minimum rated control supply voltage at DC</li> <li>at maximum rated control supply voltage at DC</li> <li>at maximum rated control supply voltage at DC</li> <li>at minimum rated control supply voltage at AC</li> <li>at minimum rated control supply voltage at AC</li> <li>at minimum rated control supply voltage at AC</li> <li>at 60 Hz</li> <li>5.5 VA</li> <li>5.5 VA</li> </ul>	— at 50 Hz	530 VA		
<ul> <li>at 60 Hz</li> <li>inductive power factor with closing power of the coil</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>apparent holding power</li> <li>at minimum rated control supply voltage at DC</li> <li>at maximum rated control supply voltage at DC</li> <li>at maximum rated control supply voltage at DC</li> <li>at minimum rated control supply voltage at AC</li> <li>at minimum rated control supply voltage at AC</li> <li>at 60 Hz</li> <li>5.5 VA</li> <li>at 60 Hz</li> <li>5.5 VA</li> </ul>	apparent pick-up power of magnet coil at AC			
inductive power factor with closing power of the coil  • at 50 Hz  • at 60 Hz  apparent holding power  • 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  5.5 VA	● at 50 Hz	530 VA		
<ul> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>apparent holding power</li> <li>at minimum rated control supply voltage at DC</li> <li>at maximum rated control supply voltage at DC</li> <li>at maximum rated control supply voltage at DC</li> <li>at minimum rated control supply voltage at AC</li> <li>at minimum rated control supply voltage at AC</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>5.5 VA</li> <li>5.5 VA</li> </ul>	• at 60 Hz	530 VA		
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  apparent holding power  at minimum rated control supply voltage at AC  — at 50 Hz  — at 60 Hz  5.5 VA	inductive power factor with closing power of the coil			
apparent holding power  • 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  5.5 VA	● at 50 Hz	0.8		
<ul> <li>at minimum rated control supply voltage at DC</li> <li>at maximum rated control supply voltage at DC</li> <li>at maximum rated control supply voltage at DC</li> <li>at minimum rated control supply voltage at AC</li> <li>at 50 Hz</li> <li>at 60 Hz</li> <li>5.5 VA</li> <li>5.5 VA</li> </ul>	• at 60 Hz	0.8		
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  5.5 VA  5.5 VA	apparent holding power			
apparent holding power  ● at minimum rated control supply voltage at AC  — at 50 Hz  — at 60 Hz  5.5 VA  5.5 VA	<ul> <li>at minimum rated control supply voltage at DC</li> </ul>	2.8 VA		
at minimum rated control supply voltage at AC  at 50 Hz  at 60 Hz  5.5 VA  5.5 VA	at maximum rated control supply voltage at DC	3.4 VA		
— at 50 Hz 5.5 VA 5.5 VA	apparent holding power			
— at 60 Hz 5.5 VA	<ul> <li>at minimum rated control supply voltage at AC</li> </ul>			
	— at 50 Hz	5.5 VA		
at maximum rated control supply voltage at AC	— at 60 Hz	5.5 VA		
	at maximum rated control supply voltage at AC			

at 50 Hz	9 5 V/A		
— at 50 Hz — at 60 Hz	8.5 VA 8.5 VA		
inductive power factor with the holding power of the coil	0.0 VA		
at 50 Hz	0.5		
• at 60 Hz	0.5		
closing power of magnet coil at DC	0.4 580 W		
holding power of magnet coil at DC	3.4 W		
closing delay			
• at AC	45 80 ms		
• at DC	45 80 ms		
opening delay			
• at AC	80 100 ms		
• at DC	80 100 ms		
arcing time	10 15 ms		
control version of the switch operating mechanism	PLC-IN or Standard A1 - A2 (adjustable)		
Auxiliary circuit			
number of NC contacts for auxiliary contacts instantaneous contact	2		
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	1A		
• 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	040.4		
• at 480 V rated value	240 A		
at 600 V rated value	242 A		
yielded mechanical performance [hp]			
• for 3-phase AC motor	7F ha		
— at 200/208 V rated value	75 hp		
— at 220/230 V rated value	100 hp		
<ul><li>— at 460/480 V rated value</li><li>— at 575/600 V rated value</li></ul>	200 hp		
- at 575/600 V rated value  contact rating of auxiliary contacts according to UL	250 hp A600 / Q600		
Short-circuit protection	7,0007,0000		
design of the miniature circuit breaker for short-circuit protection	C characteristic: 10 A; 0.4 kA		
of the auxiliary circuit up to 230 V  design of the fuse link			
<ul> <li>for short-circuit protection of the main circuit</li> </ul>			
<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 500 A (690 V, 100 kA)		
with type of coordination 2 required	gG: 400 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA)		

for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)	
nstallation/ mounting/ dimensions		
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back	
fastening method side-by-side mounting	Yes	
fastening method	screw fixing	
height	210 mm	
width	145 mm	
depth	202 mm	
required spacing		
<ul><li>with side-by-side mounting</li></ul>		
— 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	spring-loaded terminals	
at contactor for auxiliary contacts		
of magnet coil	Spring-type terminals Spring-type terminals	
width of connection bar	25 mm	
thickness of connection bar	6 mm	
diameter of holes		
number of holes	11 mm	
type of connectable conductor cross-sections	'	
• for AWG cables for main contacts	2/0 500 kcmil	
connectable conductor cross-section for main contacts	2/0 500 KCIIII	
	70 240 mm²	
stranded  connectable conductor cross-section for auxiliary contacts	70 240 mm²	
connectable conductor cross-section for auxiliary contacts	0.25 2.5 mm²	
solid or stranded     finally attended with page and processing.	0.25 2.5 mm <sup>2</sup>	
finely stranded with core end processing	0.25 1.5 mm <sup>2</sup>	
finely stranded without core end processing	0.25 2.5 mm²	
type of connectable conductor cross-sections		
for auxiliary contacts	0(0.05 0.5	
— solid	2x (0.25 2.5 mm²)	
— solid or stranded	2x (0,25 2,5 mm²)	
— finely stranded with core end processing	2x (0.25 1.5 mm²)	
— finely stranded without core end processing	2x (0.25 2.5 mm²)	
for AWG cables for auxiliary contacts	2x (24 14)	
AWG number as coded connectable conductor cross section for auxiliary contacts	24 14	
afety related data		
product function		
<ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>	Yes	
<ul> <li>positively driven operation according to IEC 60947-5-1</li> </ul>	No	
suitable for safety function	Yes	
suitability for use safety-related switching OFF	Yes; safety-related disconnection via A1 A2	
·	20 a	
service life maximum		
test wear-related service life necessary	Yes	

<ul> <li>with low demand rate according to SN 31920</li> </ul>	40 %		
<ul> <li>with high demand rate according to SN 31920</li> </ul>	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		
ISO 13849			
device type according to ISO 13849-1	3		
overdimensioning according to ISO 13849-2 necessary	Yes		
IEC 61508			
safety device type according to IEC 61508-2	Type A		
Electrical Safety			
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		
Approvals Certificates			

General Product Approval









<u>KC</u>



EMV Functional Saftey Test Certificates Maritime application



Type Examination Certificate

Special Test Certificate

Type Test Certificates/Test Report





Maritime application other







**Miscellaneous** 



Confirmation

other Railway Environment

<u>Confirmation</u> <u>Miscellaneous</u> <u>Special Test Certificate of Firmations</u> <u>Environmental Confirmations</u>

## Further information

Information on the packaging

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

Information for data generation and storage

https://support.industry.siemens.com/cs/ww/en/view/109995012

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=3RT1065-2NP36

Cax online generator

 $\underline{https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT1065-2NP36}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1065-2NP36

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

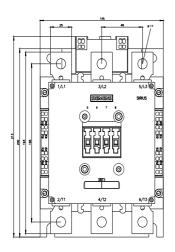
https://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT1065-2NP36&lang=en

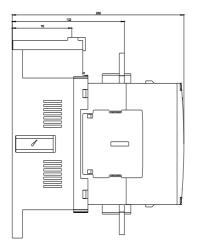
Characteristic: Tripping characteristics, I2t, Let-through current

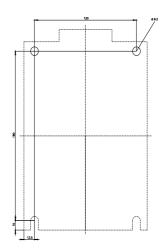
https://support.industry.siemens.com/cs/ww/en/ps/3RT1065-2NP36/char

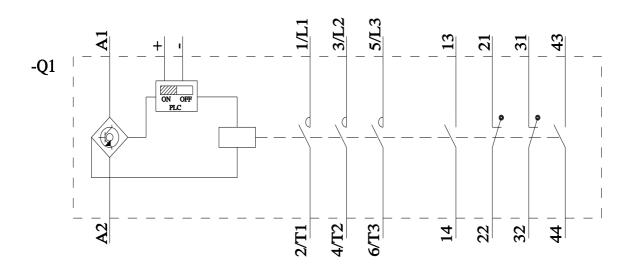
Further characteristics (e.g. electrical endurance, switching frequency)

https://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1065-2NP36&objecttype=14&gridview=view1









last modified:

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