## SIEMENS

## **Product data sheet**

## 3RT1023-1BB44



CONTACTOR, AC-3 4 KW/400 V, DC 24 V, 3-POLE, 2 NO + 2 NC, SIZE S0, SCREW CONNECTION

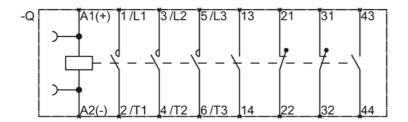
General technical data:		
product brand name		SIRIUS
Size of the contactor		SO
Protection class IP / on the front		IP20
Degree of pollution		3
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature / during operating	°C	-25 +60
Mechanical operating cycles as operating time		
of the contactor / typical		10,000,000
of the contactor with added auxiliary switch block / typical		10,000,000
<ul> <li>of the contactor with added electronics-compatible auxiliary switch block / typical</li> </ul>		5,000,000
Main circuit:		
Number of NC contacts / for main contacts		0
Number of NO contacts / for main contacts		3
Operating current		
• at AC-1 / at 400 V		
• at 40 °C ambient temperature / rated value	А	40
• at AC-3 / at 400 V / rated value	А	9
• at AC-4 / at 400 V / rated value	А	8.5

• with 1 current path / at DC-1I• al 24 V / rated valueA5• all 10 V / rated valueA5• with 2 current paths in series / at DC-1-• all 24 V / rated valueA35• with 3 current paths in series / at DC-1-• all 24 V / rated valueA35• with 3 current paths in series / at DC-1-• all 24 V / rated valueA35• with 3 current path / at DC-3 / at DC-5-• all 10 V / rated valueA35• with 1 current path / at DC-3 / at DC-5-• all 10 V / rated valueA35• with 2 current paths in series / at DC-3 / at DC-5-• with 2 current paths in series / at DC-3 / at DC-5-• with 2 current paths in series / at DC-3 / at DC-5-• with 2 current paths in series / at DC-3 / at DC-5-• with 2 current paths in series / at DC-3 / at DC-5-• with 3 current paths in series / at DC-3 / at DC-5-• with 3 current paths in series / at DC-3 / at DC-5-• with 3 current paths in series / at DC-3 / at DC-5-• with 3 current paths in series / at DC-3 / at DC-5-• with 3 current paths in series / at DC-3 / at DC-5-• at AC-4 / at 400 V / rated valueA• at AC-4 / at 400 V / rated valueW• at AC-4 / at 400 V / rated valueW• at AC-4 / at 400 V / rated valueW• at AC-4 / at 400 V / rated valueW• at AC-4 / at 400 V / rated valueW• at AC-4 / a			
• • • • • • • • • • • • • • • • • • •	• with 1 current path / at DC-1		
• with 2 current paths in series / at DC-1I• at 24 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 1 current path in series / at DC-3A35• with 1 current path / at DC-3/ at DC-5• with 2 write paths in series / at DC-3 / at DC-5• with 2 write paths in series / at DC-3 / at DC-5• with 2 write paths in series / at DC-3 / at DC-5• with 2 write paths in series / at DC-3 / at DC-5• with 2 write paths in series / at DC-3 / at DC-5• with 3 write paths in series / at DC-3 / at DC-5• with 3 write paths in series / at DC-3 / at DC-5• with 3 write paths in series / at DC-3 / at DC-5• with 3 write paths in series / at DC-3 / at DC-5• with 3 write paths in series / at DC-3 / at DC-5• with 3 write paths in series / at DC-3 / at DC-5• at AC-2 / at 400 V / rated valueA35• at AC-2 / at 400 V / rated valueKW4• at AC-2 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• bord for DCA• brot drot write paths in series / at DC-5	• at 24 V / rated value	А	35
• at 24 V / rated valueA36• at 110 V / rated valueA36• with 3 current paths in series / at DC-1	• at 110 V / rated value	А	4.5
• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA20• with 1 current path / at DC-3 / at DC-5A20• at 24 V / rated valueA20• at 110 V / rated valueA20• at 110 V / rated valueA20• at 24 V / rated valueA20• with 2 current paths in series / at DC-3 / at DC-5-• with 3 current paths in series / at DC-3 / at DC-5-• with 3 current paths in series / at DC-3 / at DC-5-• with 3 current paths in series / at DC-3 / at DC-5-• with 3 current paths in series / at DC-3 / at DC-5-• with 3 current paths in series / at DC-3 / at DC-5-• with 3 current paths in series / at DC-3 / at DC-5-• at 24 V / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-2 / at 400 V / rated valueKW• at AC-2 / at 400 V / rated valueKW• at AC-2 / at 400 V / rated valueKW• at AC-2 / at 400 V / rated valueKW• at AC-2 / at 400 V / rated valueKW• at AC-2 / at 400 V / rated valueKW• at AC-2 / at 400 V / rated valueKW• at AC-2 / at 400 V / rated valueKW• at AC-2 / at 400 V / rated valueKW• at AC-2 / at 400 V / rated valueKW• at AC-2 / at 400 V / rated valueK• at AC-2 / at 400 V / rated valueK• at	• with 2 current paths in series / at DC-1		
• with 3 current paths in series / at DC-1I• at 24 V / rated valueA35• at 110 V / rated valueA36• with 1 current path / at DC-3 / at DC-5• at 24 V / rated valueA20• at 110 V / rated valueA20• with 2 current paths in series / at DC-3 / at DC-5• at 24 V / rated valueA35• with 3 current paths in series / at DC-3 / at DC-5• at 24 V / rated valueA35• at AC-2 / at 400 V / rated valueA35• at AC-2 / at 400 V / rated valueKW4• at AC-2 / at 400 V / rated valueW4000• at AC-2 / at 400 V / rated valueW4000• at AC-2 / at 400 V / rated valueW4000• at AC-2 / at 400 V / rated valueW6000• at AC-2 / at 400 V / rated valueW6000• at AC-2 / at 400 V / rated valueW54• at AC-2 / at 400 V / rated valueW54• at AC-4 / at 400 V / rated valueW54• at AC-4 / at 400 V / rated valueW54• at AC-4 / at 400 V / rated valueW54• at AC-4 / at 400 V / rated valueW54• at AC-4 / at 400 V / rated valueW54• at AC-4 / at 400 V / rated valueW54• at AC-4 / at 400 V / rated value </td <td>• at 24 V / rated value</td> <td>А</td> <td>35</td>	• at 24 V / rated value	А	35
• at 24 V/rated valueA35• with 1 current path / at DC-3 / at DC-5• at 24 V/rated valueA20• at 10 V/rated valueA20• with 2 current paths in series / at DC-3 / at DC-5• at 24 V/rated valueA35• at 10 V/rated valueA35• at 10 V/rated valueA35• at 10 V/rated valueA35• at 10 V/rated valueA35• at 24 V/rated valueA35• at 10 V/rated valueA35• at 10 V/rated valueA35• at AC-2/rat 400 V/rated valueKW4• at AC-2/rat 400 V/rated valueW4000• at AC-2/rat 400 V/rated valueM4000• at AC-2/rat 400 V/rated valueM4000• at AC-2/rat 400 V/rated valueM4000• at AC-2/rat 400 V/rated valueM50• at AC-2/rat 400 V/rated valueM50• at AC-2/rated valueM50• at AC-2/rated valueM50• at AC	• at 110 V / rated value	А	35
• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A20• at 124 V / rated valueA2.5• at 100 V / rated valueA3.5• at 24 V / rated valueA3.5• at 24 V / rated valueA3.5• at 100 V / rated valueA3.5• with 3 current paths in series / at DC-3 / at DC-5• at 100 V / rated valueA3.5• with 3 current paths in series / at DC-3 / at DC-5• at 24 V / rated valueA3.5• at 100 V / rated valueA3.5• at 100 V / rated valueKW4• at AC-2 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / rated valueKW5• at AC-4 / rated valueKW5• at AC-4 / rated valueKK• at AC-4 / rated valueK5• at C-4 / rated value<	• with 3 current paths in series / at DC-1		
• with 1 current path / at DC-3/ at DC-5I• at 24 V / rated valueA• with 2 current paths in series / at DC-3 / at DC-5A• at 24 V / rated valueA• at 100 V / rated valueA• at AC-2 / rated valueA• at AC-3 / at 400 V / rated valueKW• at AC-3 / at 400 V / rated valueKW• at AC-4 / rated valueKW• at AC-5 / rated valueKW• at AC-4 / rated valueK• at AC-4 / rated valueK <td< td=""><td>• at 24 V / rated value</td><td>А</td><td>35</td></td<>	• at 24 V / rated value	А	35
• at 24 V / rated valueA20• with 2 current paths in series / at DC-3 / at DC-5A2.5• at 24 V / rated valueA35• at 24 V / rated valueKW4• at 100 V / rated valueKW4• at AC-2 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / rated valueKW5• at AC-4 /	• at 110 V / rated value	А	35
• at 110 V / rated valueA2.5• with 2 current paths in series / at DC-3 / at DC-5A35• at 24 V / rated valueA15• with 3 current paths in series / at DC-3 / at DC-5A35• at 24 V / rated valueA35• at 100 V / rated valueA35• at 100 V / rated valueA35• at 100 V / rated valueA35• at AC-2 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueW4,000• at AC-4 / at 400 V / rated valueW4,000• at AC-4 / at 400 V / rated valueW4,000• at AC-4 / at 400 V / rated valueW4,000• at AC-4 / at 400 V / rated valueW4,000• at AC-4 / at 400 V / rated valueW6,000Control circuitW6,8,1.1Pull-in power / of the solenoid / for DCW5,4Holding power / of the solenoid / for DCW5,4Holding power / of the solenoid / for DCW5,4Mumber of NC contacts / for auxiliary contacts / instantaneous switching1 fauly switching per 100 million (17 V, 1 mA)Number of NC contacts / for auxiliary contacts / instantaneous switching22Sort-circuitI22Sort-circuit protection of the auxiliary switch / requiredIus gL/gC: 10 A	• with 1 current path / at DC-3 / at DC-5		
with 2 current paths is series / at DC-3 / at DC-5A35• at 24 V / rated valueA15• with 3 current paths in series / at DC-3 / at DC-5A35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at AC-2 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW5.4• at AC-4 / at 400 V / rated valueW5.4• at AC-4 / at 400 V / rated valueM5.4• at AC-4 / at 90 Control For DCM5.4•	• at 24 V / rated value	А	20
• at 24 V / rated valueA35• with 3 current paths in series / at DC-3 / at DC-5A15• with 3 current paths in series / at DC-3 / at DC-5A35• at 24 V / rated valueA35• at 110 V / rated valueA35• at AC-2 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueW4,000• at AC-4 / at 400 V / rated valueW4,000• of DCDC08 1.1Pull-in power / of the solenoid / for DCW5.4Holding power / of the solenoid / for DCW5.4Number of NC contracts / for auxiliary contacts / instantaneous witching1 faulty switching per 100 million (17 V, 1 mA)Switching11 faulty switching per 100 million (17 V, 1 mA)Switching11 faulty switching per 100 million (17 V, 1 mA)SwitchingI1 faulty switching per 100 million (17 V, 1 mA)SwitchingI1 faulty switching per 100 million (17 V, 1 mA)SwitchingI1 faulty switching per 100 million (17 V, 1 mA)SwitchingI1 faulty switching per 100 million (17 V, 1 mA)SwitchingI1 faulty switching per 100 million (17 V, 1 mA)SwitchingI1 faulty switching per 100 million (17 V, 1 mA)SwitchingI1 faulty switching per 100 million (17 V, 1 mA)SwitchingI1 faulty switching per 100 million (17 V, 1 mA)SwitchingI1 faulty switching per 100 million (17 V	• at 110 V / rated value	А	2.5
• at 110 V / rated valueA15• with 3 current paths in series / at DC-3 / at DC-5A35• at 24 V / rated valueA35• at 110 V / rated valueA35• at AC-2 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueW4,000• at AC-4 / at 400 V / rated valueW4,000• at AC-4 / at 400 V / rated valueW4,000• at AC-4 / at 400 V / rated valueW4,000• of DCDC08 1.1Pull-in power / of the solenoid / for DCW5,4Holding power / of the solenoid / for DCW5,4Autifiery circuit:1 faulty switching per 100 million (17 V, 1 mA)Number of NC contacts / for auxiliary contacts / instantaneous switching1 faulty switching per 100 million (17 V, 1 mA)Short-circuit2Short-circuit2Short-circuit protection of the auxiliary switch / requiredI fue gL/gG: 10 A	• with 2 current paths in series / at DC-3 / at DC-5		
• with 3 current paths in series / at DC-3 / at DC-5Image: constraint of the solenoid / for DCA35• at 24 V / rated valueA35• at AC-2 / at 400 V / rated valueKW4• at AC-2 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueKW4• at AC-3 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueKW4• ot point of control feed voltageDCOperating range factor control supply voltage rated value / of the magnet coil0.8 1.1• for DCW5.4Pull-in power / of the solenoid / for DCW5.4Atoliary circuit:Image: contacts / instantaneous switching2Switching22Switching22Subter of NC contacts / for auxiliary contacts / instantaneous switching2Short-circuitImage: contact / instantaneous switching2Short-circuit protection of the auxiliary switch / requiredImage: contact / instantaneous switching	• at 24 V / rated value	А	35
• at 24 V/ rated valueA35• at 110 V/ rated valueA35Service powerKW4• at AC-2/ at 400 V/ rated valueKW4• at AC-3/ at 400 V/ rated valueKW4• at AC-4/ at 400 V/ rated valueW4,000• at AC-4/ at 400 V/ rated valueW4,000Control Circuit:V4,000Voltage type / of control feed voltageDCOperating range factor control supply voltage rated value / of the magnet coil0.8 1.1• for DCW5.4Holding power / of the solenoid / for DCW5.4Autiliary circuit:I faulty switching per 100 million (17 V, 1 mA)Number of NC contacts / for auxiliary contacts / instantaneous switching2Short-circuit:2Short-circuit protection of the auxiliary switch / requiredfuse gL/gC: 10 A	• at 110 V / rated value	А	15
• at 110 V / rated value       A       35         Service power       r       -         • at AC-2 / at 400 V / rated value       kW       4         • at AC-3 / at 400 V / rated value       kW       4         • at AC-4 / at 400 V / rated value       W       4,000         • at AC-4 / at 400 V / rated value       W       4,000         • at AC-4 / at 400 V / rated value       W       4,000         Control circuit:       V       0         Voltage type / of control feed voltage       DC       0.8 1.1         Operating range factor control supply voltage rated value / of the magnet coil       0.8 1.1       0.8 1.1         Pull-in power / of the solenoid / for DC       W       5.4       0.4         Holding power / of the solenoid / for DC       W       5.4       0.4         Number of NC contacts / for auxiliary contacts       I faulty switching per 100 million (17 V, 1 mA)         Number of NC contacts / for auxiliary contacts / instantaneous switching       2       2         Short-circuit       E       2       2         Design of the fuse link       instantaneous switching       fuse gL/gG: 10 A	• with 3 current paths in series / at DC-3 / at DC-5		
Service power       KW       4         • at AC-2 / at 400 V / rated value       KW       4         • at AC-3 / at 400 V / rated value       KW       4         • at AC-4 / at 400 V / rated value       W       4,000         • at AC-4 / at 400 V / rated value       W       4,000         Control circuit:         Voltage type / of control feed voltage       DC         Operating range factor control supply voltage rated value / of the magnet coil       0.8 1.1         • for DC       W       5.4         Holding power / of the solenoid / for DC       W       5.4         Holding power / of the solenoid / for DC       W       5.4         Number of NC contacts / for auxiliary contacts / instantaneous switching       2       2         Number of NC contacts / for auxiliary contacts / instantaneous switching       2       2         Short-circuit:       2       2       2         Design of the fuse link       instantaneous switching       2       2	• at 24 V / rated value	А	35
at AC-2/at 400 V/rated valuekW4• at AC-3/at 400 V/rated valuekW4• at AC-4/ at 400 V/rated valueW4,000Control circuit:Voltage type / of control feed voltageDCOperating range factor control supply voltage rated value / of the magnet coll • for DCDCOperating power / of the solenoid / for DCW5.4Holding power / of the solenoid / for DCW5.4Auxiliary circuit:U5.4Contract reliability / of the auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)Number of NC contacts / for auxiliary contacts / instantaneous switching2Short-circuit:2Design of the fuse link • for short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 A	• at 110 V / rated value	А	35
* at AC-3 / at 400 V / rated valueKW4• at AC-4 / at 400 V / rated valueW4,000Control circuit:Voltage type / of control feed voltageDCOperating range factor control supply voltage rated value / of the magnet coil • for DCDCOperating power / of the solenoid / for DCW5.4Pull-in power / of the solenoid / for DCW5.4Auxiliary circuit:V5.4Contact reliability / of the auxiliary contactsI faulty switching per 100 million (17 V, 1 mA)Number of NC contacts / for auxiliary contacts / instantaneous switching2Short-circuit:2Design of the fuse link • for short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 A	Service power		
• at AC-4 / at 400 V / rated value       W       4,000         Control circuit:       DC         Voltage type / of control feed voltage       DC         Operating range factor control supply voltage rated value / of the magnet coil       0.8 1.1         • for DC       W       5.4         Pull-in power / of the solenoid / for DC       W       5.4         Holding power / of the solenoid / for DC       W       5.4         Contact reliability / of the auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Number of NC contacts / for auxiliary contacts / instantaneous switching       2         Short-circuit:       2         Design of the fuse link       •for short-circuit protection of the auxiliary switch / required	• at AC-2 / at 400 V / rated value	kW	4
Control circuit:       DC         Operating range factor control supply voltage rated value / of the magnet coll       DC         • for DC       0.8 1.1         Pull-in power / of the solenoid / for DC       W         5.4       5.4         Holding power / of the solenoid / for DC       W         Contact reliability / of the auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Number of NC contacts / for auxiliary contacts / instantaneous switching       2         Short-circuit:       2         Short-circuit protection of the auxiliary switch / required       fuse gL/gG: 10 A	• at AC-3 / at 400 V / rated value	kW	4
Voltage type / of control feed voltage       DC         Operating range factor control supply voltage rated value / of the magnet coil          • for DC       0.8 1.1         Pull-in power / of the solenoid / for DC       W       5.4         Holding power / of the solenoid / for DC       W       5.4         Auxiliary circuit:       W       5.4         Contact reliability / of the auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Number of NC contacts / for auxiliary contacts / instantaneous switching       2         Short-circuit:       2         Short-circuit protection of the auxiliary switch / required       fuse gL/gG: 10 A	• at AC-4 / at 400 V / rated value	W	4,000
Operating range factor control supply voltage rated value / of the magnet coil       0.8 1.1         • for DC       0.8 1.1         Pull-in power / of the solenoid / for DC       W       5.4         Holding power / of the solenoid / for DC       W       5.4         Auxiliary circuit:       W       5.4         Contact reliability / of the auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Number of NC contacts / for auxiliary contacts / instantaneous switching       2         Switching       2         Short-circuit:       2         Design of the fuse link • for short-circuit protection of the auxiliary switch / required       fuse gL/gG: 10 A	Control circuit:		
the magnet coil       Image: Coil imag	Voltage type / of control feed voltage		DC
Pull-in power / of the solenoid / for DC       W       5.4         Holding power / of the solenoid / for DC       W       5.4         Auxiliary circuit:       W       5.4         Contact reliability / of the auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Number of NC contacts / for auxiliary contacts / instantaneous switching       2         Number of NO contacts / for auxiliary contacts / instantaneous switching       2         Short-circuit:       Example       2         Design of the fuse link • for short-circuit protection of the auxiliary switch / required       fuse gL/gG: 10 A		_	
Holding power / of the solenoid / for DC       W       5.4         Auxiliary circuit:          Contact reliability / of the auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Number of NC contacts / for auxiliary contacts / instantaneous switching       2         Number of NO contacts / for auxiliary contacts / instantaneous switching       2         Short-circuit:       2         Design of the fuse link          • for short-circuit protection of the auxiliary switch / required       fuse gL/gG: 10 A	• for DC		0.8 1.1
Auxiliary circuit:       1 faulty switching per 100 million (17 V, 1 mA)         Number of NC contacts / for auxiliary contacts / instantaneous switching       2         Number of NO contacts / for auxiliary contacts / instantaneous switching       2         Short-circuit:       2         Design of the fuse link       • for short-circuit protection of the auxiliary switch / required       fuse gL/gG: 10 A	Pull-in power / of the solenoid / for DC	W	5.4
Contact reliability / of the auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         Number of NC contacts / for auxiliary contacts / instantaneous switching       2         Number of NO contacts / for auxiliary contacts / instantaneous switching       2         Short-circuit:       2         Design of the fuse link       • for short-circuit protection of the auxiliary switch / required       fuse gL/gG: 10 A	Holding power / of the solenoid / for DC	W	5.4
Number of NC contacts / for auxiliary contacts / instantaneous switching       2         Number of NO contacts / for auxiliary contacts / instantaneous switching       2         Short-circuit:       2         Design of the fuse link       • for short-circuit protection of the auxiliary switch / required       fuse gL/gG: 10 A	Auxiliary circuit:		
switching       Image:	Contact reliability / of the auxiliary contacts		1 faulty switching per 100 million (17 V, 1 mA)
switching     Image: Switching in the fuse link is for short-circuit protection of the auxiliary switch / required is gL/gG: 10 A		_	2
Design of the fuse link       Figure 1         • for short-circuit protection of the auxiliary switch / required       fuse gL/gG: 10 A	-		2
for short-circuit protection of the auxiliary switch / required     fuse gL/gG: 10 A	Short-circuit:		
	Design of the fuse link		
for short-circuit protection of the main circuit	<ul> <li>for short-circuit protection of the auxiliary switch / required</li> </ul>		fuse gL/gG: 10 A
	<ul> <li>for short-circuit protection of the main circuit</li> </ul>		

<ul> <li>with type of assignment 1 / required</li> </ul>		fuse gL/gG: 63 A
<ul> <li>at type of coordination 2 / required</li> </ul>		fuse gL/gG: 25 A
Installation/mounting/dimensions:		
Mounting type		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
series installation		Yes
Width	mm	45
Height	mm	85
Depth	mm	150
Distance, to be maintained, to earthed part / sidewards	mm	6
Connection type:		
Design of the electrical connection		
for main current circuit		screw-type terminals
<ul> <li>for auxiliary and control current circuit</li> </ul>		screw-type terminals
Type of the connectable conductor cross-section		
for main contacts		
• solid		2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x 10 mm²
finely stranded		
<ul> <li>with conductor end processing</li> </ul>		2x (1 2.5 mm²), 2x (2.5 6 mm²)
for AWG conductors / for main contacts		2x (20 16), 2x (18 14), 1x 12
for auxiliary contacts		
• solid		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)
finely stranded		
<ul> <li>with conductor end processing</li> </ul>		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
<ul> <li>for AWG conductors / for auxiliary contacts</li> </ul>		2x (20 16), 2x (18 14), 1x 12

Certificates/approvals:

General Product A	pproval			Functional Safety / Safety of Machinery	Declaration of Conformity
	(SA)	EHC		Type Examination	EG-Konf.
Test Certificates					
Special Test Certificate	<u>Type Test</u> Certificates/Test Report				
Shipping Approval					
ABS	ĴÅ DNV DNV	GL	Lloyd's Kegister Lrs	RMRS	
other					
Confirmation	other	Environmental Confirmations			
	on: wnloadcenter (Catalo om/industrial-controls/o				
Industry Mall (Online http://www.siemens.c	e ordering system) om/industrial-controls/r	nall			
Cax online generato http://www.siemens.c					
		Characteristics, FAQs, /view/en/3RT1023-1BB4			
		ension drawings, 3D n cax_en.aspx?mlfb=3RT		it diagrams,)	
		-	144		
	18         18           69         69           72         85				35



last change:

Jul 7, 2014