SIEMENS

Data sheet

3RB2056-1FC2

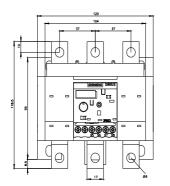


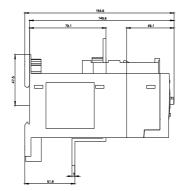
Overload relay 50...200 A for motor protection Size S6, Class 10E Contactor mounting/stand-alone installation Main circuit: busbar connection Auxiliary circuit: Screw terminal Manual-Automatic-Reset

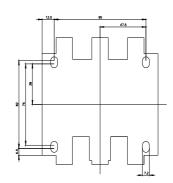
product orange SiNUs product orange designation 3RB2 Cancral technical data 3RB2 Size of vertical relay S6 size of orange resistance rated value 1000 V surge volzage resistance rated value 8 KV maximum permissible voltage for protective separation 9 KV • in networks with urgrounded star point between auxiliary and auxiliary circuit 300 V • in networks with urgrounded star point between auxiliary and auxiliary circuit 600 V • in networks with urgrounded star point between main and auxiliary circuit 600 V • in networks with urgrounded star point between main and auxiliary circuit 200 A shock resistance 15g / 11 ms • baccording to IEC 60088-227 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead 7.439-92-1 Lead 7.439-92-1 Lead 7.439-92-1 Lead 7.439-92-1 Lead 7.439-92-1 istallation allitude at height above sea level maximum 2000 m ambient conditions -25 +60 °C installation allitude at height above sea level maximum 2000 m adjustable		
product type designation 3RB2 Central technical data	product brand name	SIRIUS
Control technical data Side size of overload relay S6 size of contactor can be combined company-specific S6 insulation voltage with degree of pollution 3 at AC rated value 1000 V surge voltag resistance rated value 8kV maximum permissible voltage for protective separation in networks with ungrounded star point between auxiliary in networks with ungrounded star point between auxiliary 300 V in networks with grounded star point between main and 600 V auxiliary circuit 600 V in networks with grounded star point between main and 600 V auxiliary circuit 100 V shock resistance 15g/11 ms e according to IEC 60068-2-27 15g/11 ms thermal current 200 A reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - rA39-92-1 istallation allitude at height above sea level maximum 2 000 m ambient comperation -25 +60 °C • during storage 40 +80 °C • during storage 40 +80 °C		
size of overload relay S6 size of contactor can be combined company-specific S6 insulation voltage with degree of pollution 3 at AC rated value 1 000 V surge voltage resistance rated value 8 kV maximum permissible voltage for protective separation 8 kV in networks with grounded star point between auxiliary and auxiliary circuit 300 V in networks with grounded star point between main and auxiliary circuit 600 V in networks with grounded star point between main and auxiliary circuit 690 V shock resistance 15g/11 ms i caccording to IEC 60068-2-27 15g/11 ms thermal current 200 A reference code according to IEC 1346-2 F Substance Prohibitance (Date) 07/01/2008 SWHS substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions 200 m installation altitude at height above sea level maximum 2 000 m amblent temperature -40 +80 °C • during storage -40		3RB2
size of contactor can be combined company-specific S6 insulation voltage with degree of polition 3 at AC rated value 1 000 V surge voltage resistance rated value 8 kV maximum permissible voltage for protective separation 8 kV • in networks with ungrounded star point between auxiliary and auxiliary circuit 300 V • in networks with ungrounded star point between auxiliary and auxiliary circuit 300 V • in networks with ungrounded star point between main and auxiliary circuit 600 V • in networks with grounded star point between main and auxiliary circuit 690 V shock resistance 15g / 11 ms • according to IEC 60068-2-27 15g / 11 ms thermal current 200 A reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-82.1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient tomperature -40 480 °C • during strange -40 480 °C • during strange -40		
insulation voltage with degree of pollution 3 at AC rated value 1 000 V surge voltage resistance rated value 8 kV maximum permissible voltage for protective separation 8 kV • in networks with ungrounded star point between auxiliary and auxiliary circuit 300 V • in networks with ungrounded star point between auxiliary and auxiliary circuit 300 V • in networks with grounded star point between main and auxiliary circuit 600 V • in networks with grounded star point between main and auxiliary circuit 600 V • in networks with grounded star point between main and auxiliary circuit 600 V • in networks with approached star point between main and auxiliary circuit 600 V • shock resistance 15g / 11 ms • according to IEC 60068-2-27 15g / 11 ms • feference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead '7439-92-1 Lead monxide (lead oxide) - 1317-36-8 Anbient temperature - • during operation -25 +60 °C • during transport -40 +80 °C • during transport -40 +80 °C • during operation 10 95 % Main circuit		
surge voltage resistance rated value 8 kV maximum permissible voltage for protective separation 0 • in networks with ungrounded star point between auxiliary and auxiliary circuit 300 V • in networks with ungrounded star point between auxiliary and auxiliary circuit 300 V • in networks with ungrounded star point between main and auxiliary circuit 600 V • in networks with grounded star point between main and auxiliary circuit 600 V shock resistance 15g / 11 ms • according to IEC 60068-2-27 15g / 11 ms thermal current 200 A reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead -7439-92.1 Lead nonxide (lead oxide) - 1317-36-8 Ambient conditions - installation altitude at height above sea level maximum 2 000 m ambient temperature - • during peration -25 +60 °C • during transport -40 +80 °C temperature compensation -25 +60 °C relative humidity during operation 10 95 % Main circuit 3 <th></th> <th></th>		
maximum permissible voltage for protective separation in networks with ungrounded star point between auxiliary and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit shock resistance 15g / 11 ms thermal current 200 A reference code according to IEC 60068-2-27 T5g / 11 ms thermal current 200 A reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead -7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature during operation -25 +60 °C during transport -40 +80 °C temperature compensation -25 +60 °C reference to poles for main current circuit -95 % Main circuit adjustable current response value current of the current-dependent vericad release operating fre	insulation voltage with degree of pollution 3 at AC rated value	1 000 V
 in networks with ungrounded star point between auxiliary and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit 600 V 600 V shock resistance 15g / 11 ms eacording to IEC 60068-2-27 15g / 11 ms eacording to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-2-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature during storage 40+80 °C during storage 40+80 °C during torage 40+80 °C mether temperature fail adjustable current circuit 3 adjustable current circuit adjustable current of the current of the current- dopendent lowed alease operating requency rated value 000 V at AC-3e rated value maximum 2000 A 	surge voltage resistance rated value	8 kV
and auxiliary circuit 300 V • in networks with grounded star point between auxiliary and auxiliary circuit 300 V • in networks with grounded star point between main and auxiliary circuit 600 V • in networks with grounded star point between main and auxiliary circuit 690 V • about resistance 15g / 11 ms • eaccording to IEC 60068-2-27 15g / 11 ms • eaccording to IEC 80146-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during operation -25 +60 °C • during storage -40 +80 °C • during respont -25 +60 °C • during torage -40 +80 °C • during torage -25 +60 °C	maximum permissible voltage for protective separation	
and auxiliary circuit 600 V • in networks with ungrounded star point between main and auxiliary circuit 600 V • auxiliary circuit 690 V • according to IEC 60068-2-27 15g / 11 ms • according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature - • during operation -25 +60 °C • during transport -40 +80 °C temperature compensation -25 +60 °C • during transport -40 +80 °C temperature compensation -25 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current release 50 200 A operating voltage 1000 V • rated va	o 1 <i>j</i>	300 V
auxiliary circuit • in networks with grounded star point between main and auxiliary circuit shock resistance • according to IEC 60068-2-27 15g / 11 ms • according to IEC 60068-2-27 15g / 11 ms • according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions Installation altitude at height above sea level maximum ambient temperature • during sporation • during storage • during storage • during storage • during storage • during itansport 10 95 % Main circuit number of poles for main current circuit adjustable current response value current of the current- dependent overload release • rated value • at AC-3e rated value maximum 1000 V operating frequency rated value 200 A		300 V
auxiliary circuit 15g / 11 ms shock resistance 15g / 11 ms thermal current 200 A reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions 200 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during operation -25 +60 °C • during torage -40 +80 °C temperature compensation -25 +60 °C • during torage -4080 °C temperature compensation -25 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- 50 200 A operating voltage 1 000 V • at AC-3e rated value maximum 1 000 V • at AC-3e rated value 50 60 Hz operating frequency rated value 200 A	a .	600 V
• according to IEC 60068-2-27 15g / 11 ms thermal current 200 A reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions - installation altitude at height above sea level maximum 2 000 m ambient temperature - • during operation -25 +60 °C • during transport -40 +80 °C • during transport -40 +80 °C • during transport -40 °C • during transport -40 °C • during operation -25 +60 °C • during transport -40 +80 °C temperature compensation -25 +60 °C • during transport -40 +80 °C temperature condensation -25 +60 °C • during transport -40 +80 °C temperature condensation -25 +60 °C • relative humidity during operation 10 95 % Main circuit 3 adjustable current response value current of the current-dependent overload release 50 200 A <	o	690 V
thermal current 200 A reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions 1installation altitude at height above sea level maximum ambient temperature 000 m • during operation -25 +60 °C • during storage -40 +80 °C • during transport -40 +80 °C temperature compensation -25 +60 °C • during operation -25 +60 °C • during transport -40 +80 °C temperature compensation -25 +60 °C nealtive humidity during operation 10 95 % Main circuit 3 adjustable current response value current of the current-dependent overload release 50 200 A operating voltage 1000 V • rated value 1000 V • at AC-3e rated value 50 60 Hz operational current rated value 50 60 Hz operational current rated value 200 A	shock resistance	15g / 11 ms
reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during operation -25 +60 °C • during storage -40 +80 °C • during transport -40 +80 °C temperature compensation -25 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage 1 000 V • at AC-3e rated value 1 000 V • at AC-3e rated value 50 60 Hz operating frequency rated value 50 60 Hz operational current rated value 200 A	 according to IEC 60068-2-27 	15g / 11 ms
Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions 2 000 m ambient temperature - • during operation -25 +60 °C • during transport -40 +80 °C temperature compensation -25 +60 °C • during transport -40 +80 °C temperature compensation -25 +60 °C mumber of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release 50 200 A operating voltage 1 000 V • at AC-3e rated value 1 000 V • at AC-3e rated value 50 60 Hz operating frequency rated value 200 A	thermal current	200 A
SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during operation -25 +60 °C • during transport -40 +80 °C • during transport -40 +80 °C • during operation -25 +60 °C • during transport -40 +80 °C • during operation -25 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release 50 200 A operating voltage 1 000 V • at AC-3e rated value maximum 1 000 V operating frequency rated value 50 60 Hz operating frequency rated value 200 A	reference code according to IEC 81346-2	F
Lead monoxide (lead oxide) - 1317-36-8 Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature • during operation -25 +60 °C • during storage -40 +80 °C • during transport -40 +80 °C temperature compensation -25 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release 50 200 A operating voltage 1 000 V • at AC-3e rated value 1 000 V operating frequency rated value 50 60 Hz operating frequency rated value 200 A	Substance Prohibitance (Date)	07/01/2006
installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during operation -25 +60 °C • during transport -40 +80 °C • during transport -40 +80 °C relative humidity during operation -25 +60 °C mumber of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 50 200 A operating voltage 1 000 V • rated value 1 000 V • at AC-3e rated value maximum 1 000 V operating frequency rated value 50 60 Hz operational current rated value 200 A	SVHC substance name	
ambient temperature -25 +60 °C • during operation -25 +60 °C • during storage -40 +80 °C • during transport -40 +80 °C temperature compensation -25 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release 50 200 A operating voltage 1 000 V • at AC-3e rated value maximum 1 000 V operating frequency rated value 50 60 Hz operating frequency rated value 200 A	Ambient conditions	
• during operation-25 +60 °C• during storage-40 +80 °C• during transport-40 +80 °C• temperature compensation-25 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release50 200 Aoperating voltage1 000 V• at AC-3e rated value maximum1 000 Voperating frequency rated value50 60 Hzoperating current rated value200 A	installation altitude at height above sea level maximum	2 000 m
• during storage-40 +80 °C• during transport-40 +80 °C• temperature compensation-25 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release50 200 Aoperating voltage1 000 V• at AC-3e rated value maximum1 000 Voperating frequency rated value50 60 Hzoperating current rated value200 A	ambient temperature	
• during transport -40 +80 °C temperature compensation -25 +60 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 50 200 A operating voltage 1 000 V • at AC-3e rated value maximum 1 000 V operating frequency rated value 50 60 Hz operational current rated value 200 A	during operation	-25 +60 °C
temperature compensation-25 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release50 200 Aoperating voltage1 000 V• rated value1 000 V• at AC-3e rated value maximum1 000 Voperating frequency rated value50 60 Hzoperational current rated value200 A	during storage	-40 +80 °C
relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 50 200 A operating voltage 1 000 V • rated value 1 000 V • at AC-3e rated value maximum 1 000 V operating frequency rated value 50 60 Hz operational current rated value 200 A	during transport	-40 +80 °C
Main circuit 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 50 200 A operating voltage 1 000 V • rated value 1 000 V • at AC-3e rated value maximum 1 000 V operating frequency rated value 50 60 Hz operational current rated value 200 A	temperature compensation	-25 +60 °C
number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 50 200 A operating voltage rated value at AC-3e rated value maximum 1000 V operating frequency rated value 50 60 Hz 200 A 	relative humidity during operation	10 95 %
adjustable current response value current of the current- 50 200 A operating voltage 1 000 V • rated value 1 000 V • at AC-3e rated value maximum 1 000 V operating frequency rated value 50 60 Hz operational current rated value 200 A	Main circuit	
dependent overload release operating voltage • rated value • rated value • at AC-3e rated value maximum 1 000 V operating frequency rated value 50 60 Hz operational current rated value 200 A	number of poles for main current circuit	3
• rated value 1 000 V • at AC-3e rated value maximum 1 000 V operating frequency rated value 50 60 Hz operational current rated value 200 A		50 200 A
• at AC-3e rated value maximum 1 000 V operating frequency rated value 50 60 Hz operational current rated value 200 A	operating voltage	
operating frequency rated value 50 60 Hz operational current rated value 200 A	rated value	1 000 V
operational current rated value 200 A	 at AC-3e rated value maximum 	1 000 V
· ·	operating frequency rated value	50 60 Hz
operational current at AC-3e at 400 V rated value 200 A	operational current rated value	200 A

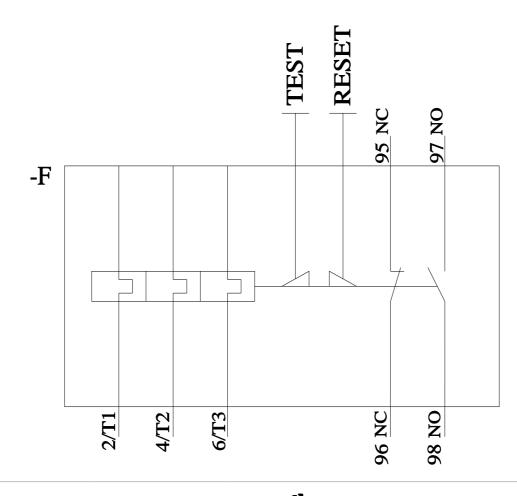
operating power				
• for 3-phase motors at 400 V at 50 Hz	30 90 kW			
• for AC motors at 500 V at 50 Hz	30 132 kW			
for AC motors at 690 V at 50 Hz	55 160 kW			
Auxiliary circuit				
design of the auxiliary switch	integrated			
number of NC contacts for auxiliary contacts	1			
note	for contactor disconnection			
number of NO contacts for auxiliary contacts	1			
note	for message "tripped"			
number of CO contacts for auxiliary contacts	0			
operational current of auxiliary contacts at AC-15				
• at 24 V	4 A			
• at 110 V	4 A			
• at 120 V	4 A			
• at 125 V	4 A			
• at 230 V	3 A			
operational current of auxiliary contacts at DC-13				
• at 24 V	2 A			
• at 60 V	0.55 A			
• at 110 V	0.3 A			
• at 125 V	0.3 A			
• at 220 V	0.11 A			
Protective and monitoring functions				
trip class	CLASS 10E			
design of the overload release	electronic			
UL/CSA ratings				
full-load current (FLA) for 3-phase AC motor				
• at 480 V rated value	200 A			
• at 600 V rated value	200 A			
contact rating of auxiliary contacts according to UL	B600 / R300			
Short-circuit protection				
design of the fuse link				
 for short-circuit protection of the main circuit 				
 — with type of coordination 1 required 	gG: 355 A, Class L: 601 A			
	gG: 315 A			
 — with type of assignment 2 required 	gG: 315 A			
 — with type of assignment 2 required for short-circuit protection of the auxiliary switch required 	gG: 315 A fuse gG: 6 A			
• for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions	fuse gG: 6 A			
• for short-circuit protection of the auxiliary switch required	fuse gG: 6 A any			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method	fuse gG: 6 A			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position	fuse gG: 6 A any Contactor mounting/stand-alone installation			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for main current circuit for auxiliary and control circuit arrangement of electrical connectors for main current	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes busbar connection			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes busbar connection screw-type terminals			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes busbar connection screw-type terminals			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes busbar connection screw-type terminals Top and bottom			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes busbar connection screw-type terminals Top and bottom 1x (0.5 4 mm ²), 2x (0.5 2.5 mm ²)			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes busbar connection screw-type terminals Top and bottom 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0,5 4 mm²), 2x (0,5 2,5 mm²)			
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for main current circuit for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for auxiliary contacts solid solid or stranded finely stranded with core end processing 	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 120 mm 155 mm Ves Ves Dusbar connection screw-type terminals Top and bottom 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²)			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 150 mm Yes Ves busbar connection screw-type terminals Top and bottom 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0,5 4 mm²), 2x (0,5 2,5 mm²)			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 120 mm 155 mm Ves Ves Dusbar connection screw-type terminals Top and bottom 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²)			
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for main current circuit for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for auxiliary contacts solid solid or stranded finely stranded with core end processing for AWG cables for auxiliary contacts tightening torque for main contacts with screw-type terminals 	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Ves busbar connection screw-type terminals Top and bottom 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2 .5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 10 12 N·m			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes busbar connection screw-type terminals Top and bottom 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 2x (20 14)			

for main contacts			M8			
• of the auxiliary and	control contacts		M3			
Electrical Safety	_					
•	protection class IP on the front according to IEC 60529			h box terminal/c		
touch protection on the front according to IEC 60529			finger-safe, fo	r vertical contact	t from the front with box to	erminal/cover
Communication/ Protocol			_	_		
type of voltage supply via input/output link master			No			
Electromagnetic compatit	bility					
conducted interference						
 due to burst accord 	ing to IEC 61000-4-4		2 kV (power p	orts), 1 kV (sign	al ports) corresponds to o	legree of severity 3
 due to conductor-earth surge according to IEC 61000-4-5 		2 kV (line to earth) corresponds to degree of severity 3				
• due to conductor-co 61000-4-5	 due to conductor-conductor surge according to IEC 61000-4-5 		1 kV (line to li	ne) corresponds	to degree of severity 3	
 due to high-frequen 4-6 	cy radiation according	to IEC 61000-	10 V in freque	ncy range 0.15	to 80 MHz, modulation 80) % AM with 1 kHz
field-based interference	according to IEC 610	00-4-3	10 V/m			
electrostatic discharge a	according to IEC 6100	00-4-2	6 kV contact o	lischarge / 8 kV	air discharge	
Display						
display version for switching	ng status		Slide switch			
Approvals Certificates						
General Product Approv	val					
UK CA	EG-Konf.	<u>Confirmatio</u>	<u>n</u>		UL UL	EHC
EMV		For use in haza ous locations	ard- Test C	Certificates		Marine / Shipping
RCM	KC	(Ex)		<u>Test Certific-</u> / <u>Test Report</u>	Special Test Certific- ate	ABS
Marine / Shipping			other			Environment
	Lloyds Register uis	RINA	<u>Cr</u>	onfirmation	<u>Miscellaneous</u>	Environmental Con- firmations
Further information Information on the pack https://support.industry.sie		iew/109813875				
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