SIEMENS

Data sheet

3RB2066-2MC2



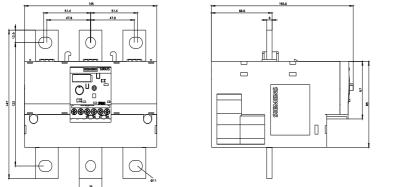
Overload relay 160...630 A for motor protection Size S10/S12, Class 20E Contactor mounting/stand-alone installation Main circuit: busbar connection Auxiliary circuit: Screw terminal Manual-Automatic-Reset

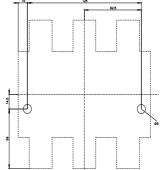
product brand name SIRUS product designation solid-state overload relay size of overload relay SIR2 size of overload relay SIR, SI2 insulation voltage with degree of polition 3 at AC rated value 1000 V surge voltage resistance rated value 8 kV maximum permissible voltage for protective separation 8 kV • 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 ungrounded star point between main and auxiliary circuit 600 V • in networks with argument of the politic between main and auxiliary circuit 600 V • brock resistance 15g / 11 ms • according to IEC 60068-2-27 15g / 11 ms • with remote-reset 0 min • with mende-reset 0 min • with manual reset 0 min • with man		
product type designation 3RB2 Concrat tochnical data	product brand name	SIRIUS
General technical tata S10, S12 size of overload relay S10, S12 insulation voltage with degree of pollution 3 at AC rated value 1000 V surge voltage resistance rated value 8 kV maximum permissible voltage for protective separation 300 V • 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 ungrounded star point between main and auxiliary circuit 600 V • in networks with ungrounded star point between main and auxiliary circuit 600 V • secording to IEC 60088-2-27 15g / 11 ms • in retworks with ungrounded star point between main and auxiliary circuit 510 A • secording to IEC 60088-2-27 15g / 11 ms • with resistance 1-6 Hz, 15 mm; 6-500 Hz, 20 m/s*; 10 cycles • thermal current 630 A recovery time after overload trip 0 min • with naturatic reset typical 3 min • with naturatic reset typical 3 min • with manual reset 0 min reference code according to IEC 81346-2 F Substance Prohibitiance (Date) 2/00/10/2006 SvHC substance name	product designation	solid-state overload relay
size of overload relay \$10, \$12 size of contactor can be combined company-specific \$10, \$12 insulation voltage with degree of pollution 3 at AC rated value 1000 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 300 V • in networks with grounded star point between main and auxiliary circuit 600 V • with auxiliary circuit 600 V • with auxiliary circuit 630 A • in retworks with grounded star point between main and auxiliary circuit 310 V • with auxiliary circuit 630 A • stock resistance 15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms • vibration resistance 16 Rdz; 15 mm; 6-500 Hz; 20 m/s"; 10 cycles • thermal current 630 A • with manual reset 0 min • with manual reset 0 min • with automatic reset typical 370/1/2006 Substance Prohibitance (Date) 2700 m marbeint temperature 40 - :480 'C • during operation -25 +60 "C<	product type designation	3RB2
size of contactor can be combined company-specific \$10, \$12 insulation voitage with degree of polution 3 at AC rated value 1000 V surge voitage resistance rated value 8 kV maximum permissible voitage for protective separation 8 kV • in networks with ungrounded star point between auxiliary 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 600 V • according to IEC 60068-2-27 15g / 11 ms • shock resistance 1-6 Hz, 15 mm; 6-500 Hz, 20 m/s*; 10 cycles thermal current 630 A recovery time after overload trip 0 min • with naroual reset 0 min • with naroual reset 0 min reference code according to IEC 81346-2 F Subtance Prohibitance (Date) 0 7/01/2006 Subtance Prohibitance (Date) 0 7/01/2006 Subtance Prohibitance (Date) 2 000 m ambient temperature -400 ··C • during operation -25 +60 ·°C • during operation	General technical data	
Insulation voltage with degree of pollution 3 at AC rated value 1000 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 500 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 59/ 11 ms • 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 • with resistance 15g / 11 ms • according to IEC 60068-2-27 15g / 11 ms • with automatic reset typical 3 min • with manual reset 0 min • with manual reset 0 min • with manual reset 0 min • with to porthibitance (Date) 57/01/2006 SVHC substance Prohibitance (Date) 2 000 m ambient temperature - 400 - 400 °C • during operation	size of overload relay	S10, S12
surge voltage resistance rated value 8 kV maximum permissible voltage for protective separation 300 V 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 subliary circuit 600 V subliary circuit 690 V subliary circuit 690 V shock resistance 15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms vibration resistance 1-6 Hz, 16 mm; 6-500 Hz, 20 m/s"; 10 cycles thermal current 630 A recovery time after overload trip 0 min • with manual reset 0 min • with mender-reset 0 min • with manual reset 0 min velipti 1.868 kg Amblent conditions 2000 m instalation altitude at height above sea level maximum 2000 m adming operation -25 +60 "C • during strange -40 °C • during transport 40 °C	size of contactor can be combined company-specific	S10, S12
maximum permissible voltage for protective separation 300 V • in networks with ungrounded star point between auxiliary 300 V • in networks with grounded star point between auxiliary 300 V • in networks with ungrounded star point between main and 300 V • in networks with grounded star point between main and 300 V • in networks with grounded star point between main and 600 V • auxiliary circuit 690 V • shock resistance 15g / 11 ms; • according to IEC 60068-2-27 15g / 11 ms; • bitration resistance 16 Hz, 15 mm; 6-500 Hz, 20 m/s²; 10 cycles thermal current 630 A • with manual reset 0 min Substance Prohibitance (Date) 07/01/2006 Evel substance name Lead -7439-92-1 Installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during goragia -40 +80 °C • during storage -40 +80 °C • during storage -40 +80 °C	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 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 600 V shock resistance 15g / 11 ms • according to IEC 60068-2-27 15g / 11 ms • brack of the sistance 16d Hz, 15 mm, 6-500 Hz, 20 m/s², 10 cycles thermal current 630 A recovery time after overload trip 630 A • with automatic reset typical 3 min • with automatic reset typical 0 min • with substance Prohibitance (Date) 07/01/2006 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 1.868 kg Ambient conditions -25 +60 °C • during operation -25 +60 °C • during storage -40 +80 °C • during transport -40 +80 °C • during transport -40 +80 °C • during transport -40 +80 °C	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 • shock resistance 15g / 11 ms • according to IEC 60068-2-27 15g / 11 ms, Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms • vibration resistance 1-6 Hz, 15 mm, 6-500 Hz, 20 m/s², 10 cycles thermal current 630 A recovery time after overload trip with automatic reset typical • with automatic reset typical 3 min • with remote-reset 0 min reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead -7433-92-1 Lead monoxide (lead oxide) - 1317-36-8 6,6'-d+tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1 Weight 1.88 kg Ambient conditions -25 +60 °C • during operation -25 +60 °C • during storage -40 +80 °C • during storage -40 +80 °C • during transport -40 +80 °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 • 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 vibration resistance 16 Hz, 15 mm; 6-500 Hz, 20 m/s²; 10 cycles thermal current 630 A recovery time after overload trip 9 min • with automatic reset typical 3 min • with manual reset 0 min reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead -7439-92-1 Lead -7439-92-1 Lead anoxide (lead oxide) - 1317-36-8 .6'-di-tert/butyl-2,2'methylenedi-p-cresol - 119-47-1 Weight 1.868 kg Anbient conditions 2.000 m ambient temperature -40 +80 °C • during operation -25 +60 °C • during transport -40 +80 °C • during transport -40 +80 °C reference coppeasion -25 +60 °C • during transport -40 95 % <th></th> <th>300 V</th>		300 V
auxiliary circuit 690 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; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms • vibration resistance 1-6 Hz, 15 mm; 6-500 Hz, 20 m/s ² ; 10 cycles thermal current 630 A recovery time after overload trip 600 A • with automatic reset typical 3 min • with manual reset 0 min • with manual reset 0 min • with manual reset 0 min • With stance Prohibitance (Date) 77/01/2006 SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 6, 6'-di-tert-touyl-2,2'-methylenedi-p-cresol - 119-47-1 Weight 1.868 kg Ambient conditions 2 000 m ambient temperature -25 +60 °C • during operation -25 +60 °C • during storage -40 +80 °C • during toraport -40 +80 °C • during operation -25 +60 °C • during operation -25 +60 °C • during toraport -40 +80 °C • during toraport -40 +80 °C • mumber of poles for main current circuit 3		300 V
auxiliary circuit 15g / 11 ms shock resistance 15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms vibration resistance 1-6 Hz, 15 mm; 6-500 Hz, 20 m/s ² ; 10 cycles thermal current 630 A recovery time after overload trip • with automatic reset typical • with remote-reset 0 min • with remote-reset 0 min reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-92-1 Lead - reset 1.868 kg Ambient conditions 1.868 kg Ambient temperature -25 +60 °C • during operation -25 +60 °C • during transport 40 +80 °C • during transport -25 +60 °C • during transport -25 +60 °C • during torage -40 +80 °C • during torage -40 +80 °C • during torage -40 +80 °C • during torage -40 °C • during torage -40 °C • during operation -25 +60 °C • during torapention -25 +60 °C • during torapention -25 +60 °C • during torapention -25 +60 °C	o	600 V
• according to IEC 60068-2-27 15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms vibration resistance 1-6 Hz, 15 mm; 6-500 Hz, 20 m/s²; 10 cycles thermal current 630 A recovery time after overload trip 3 min • with naturatic reset typical 3 min • with manual reset 0 min • with manual reset 0 min 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 6,6°-d'I-tert-butyI-2,2'-methylenedI-p-cresol - 119-47-1 Weight 1.868 kg 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 relative humidity duri	e .	690 V
vibration resistance1-6 Hz, 15 mm; 6-500 Hz, 20 m/s²; 10 cyclesthermal current630 Arecovery time after overload trip	shock resistance	15g / 11 ms
thermal current 630 A recovery time after overload trip 3 min • with automatic reset typical 3 min • with remote-reset 0 min • with manual reset 0 min 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 6,6°-di-tert-butyl-2,2°-methylenedi-p-cresol - 119-47-1 Weight 1.868 kg Ambient conditions 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 %	 according to IEC 60068-2-27 	15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms
recovery time after overload trip • with automatic reset typical 3 min • with remote-reset 0 min • with manual reset 0 min • with manual reset 0 min 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 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1 Weight 1.868 kg Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C • during storage -40 +80 °C • during transport -40 +80 °C • during transport -40 +80 °C • temperature compensation -25 +60 °C • during transport -40 +80 °C • during transport -40 +80 °C • during transport -40 +80 °C • during torage -95 % Main circuit 3	vibration resistance	1-6 Hz, 15 mm; 6-500 Hz, 20 m/s²; 10 cycles
• with automatic reset typical 3 min • with remote-reset 0 min • with manual reset 0 min reference code according to IEC 81346-2 F Substance Prohibitance (Date) 07/01/2006 SVHC substance name Lead - 7439-92-1 Lead nonoxide (lead oxide) - 1317-36-8 6,6°-di-tert-butyl-2,2°-methylenedi-p-cresol - 119-47-1 Weight 1.868 kg 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 • during transport -25 +60 °C • during transport -90 °C • during transport -25 +60 °C • during transport -90 °C • during transport -90 °C • during transport -90 °C • during operation -25 +60 °C • during transport -90 °C relative humidity during operation 10 95 % Main circuit 3 <th>thermal current</th> <th>630 A</th>	thermal current	630 A
• with remote-reset 0 min • with manual reset 0 min 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 6; d-i-tert-butyl-2,2"-methylenedi-p-cresol - 119-47-1 Weight 1.868 kg Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -40 +80 °C • during storage -40 +80 °C • during transport -40 +80 °C • during operation -25 +60 °C • during transport -40 +80 °C • during transport -40 +80 °C • during transport -40 +80 °C • during transport -3	recovery time after overload trip	
• with manual reset 0 min 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 6,6°-di-tert-butyl-2,2'-methylenedi-p-oresol - 119-47-1 Weight 1.868 kg 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 -25 +60 °C Meinperature compensation -25 +60 °C relative humidity during operation -25 +60 °C mumber of poles for main current circuit 3	 with automatic reset typical 	3 min
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 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1 Weight 1.868 kg Ambient conditions 2 000 m 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 relative humidity during operation 0 95 % Main circuit 3	 with remote-reset 	0 min
Substance Prohibitance (Date) 07/01/2006 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 1.868 kg Ambient conditions 2000 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 • during operation -25 +60 °C • during transport -40 +80 °C • during transport -25 +60 °C mumber of poles for main current circuit 3	with manual reset	0 min
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 1.868 kg 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 Main circuit 3	reference code according to IEC 81346-2	F
Lead monoxide (lead oxide) - 1317-36-8 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1 Weight 1.868 kg 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 transport -40 +80 °C temperature compensation -25 +60 °C relative humidity during operation 10 95 % Main circuit 3	Substance Prohibitance (Date)	07/01/2006
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	SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8
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	Weight	1.868 kg
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	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 circuit3	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 °C relative humidity during operation 10 95 % Main circuit 3	ambient temperature	
• during transport -40 +80 °C temperature compensation -25 +60 °C relative humidity during operation 10 95 % Main circuit 3	during operation	-25 +60 °C
temperature compensation -25 +60 °C relative humidity during operation 10 95 % Main circuit	during storage	-40 +80 °C
relative humidity during operation 10 95 % Main circuit 3	during transport	-40 +80 °C
Main circuit number of poles for main current circuit 3	temperature compensation	-25 +60 °C
number of poles for main current circuit 3	relative humidity during operation	10 95 %
	Main circuit	
adjustable current response value current of the current- 160 630 A	number of poles for main current circuit	3
	adjustable current response value current of the current-	160 630 A

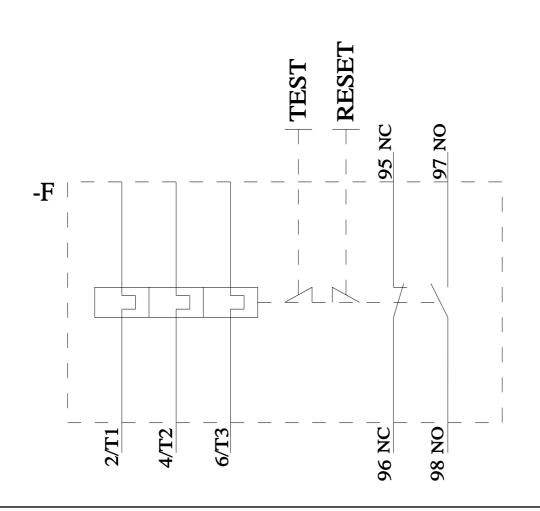
dependent everyland release	
dependent overload release	
operating voltage	4 000 \/
rated value	1 000 V
at AC-3e rated value maximum	1 000 V
operating frequency rated value	50 60 Hz
operational current rated value	630 A
operational current at AC-3e at 400 V rated value	630 A
operating power	
 for 3-phase motors at 400 V at 50 Hz 	90 355 kW
 for AC motors at 500 V at 50 Hz 	132 400 kW
 for AC motors at 690 V at 50 Hz 	160 560 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 24 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 20E
design of the overload release	electronic
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
 at 480 V rated value 	630 A
 at 480 V rated value at 600 V rated value 	630 A 630 A
at 600 V rated value contact rating of auxiliary contacts according to UL	
• at 600 V rated value	630 A
at 600 V rated value contact rating of auxiliary contacts according to UL	630 A
at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection	630 A
at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link	630 A
at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit	630 A B600 / R300
t at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required	630 A B600 / R300 gG: 800 A, Class L: 1600 A
t to 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A
t at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A
tat 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A
t to the function of the main circuit associated asociated asociated associated asociated associated associated asso	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any
tat 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation
t at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm
the set of the se	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm
t at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required with type of assignment 2 required for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth 	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm
the set of the se	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm
t at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required with type of assignment 2 required 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 	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm
t at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required with type of assignment 2 required 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 	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm
t at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required with type of assignment 2 required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required 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 	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm
the set of the se	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes busbar connection
the set of the se	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes busbar connection screw-type terminals
the at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required with type of assignment 2 required 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 for main current circuit for auxiliary and control circuit 	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes busbar connection screw-type terminals
the set of the se	630 A B600 / R300 gG: 800 A, Class L: 1600 A gG: 630 A fuse gG: 6 A any Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes busbar connection screw-type terminals

— solid or stra				1x (0,5 4 mm ²), 2x (0,5 2,5 mm ²)			
— finely stranded with core end processing		1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²)					
	for AWG cables for auxiliary contacts		2x (2	2x (20 14)			
tightening torque			00	00 N			
for main contacts with screw-type terminals			20 22 N·m				
· · · · ·	acts with screw-type termi	nals	0.8	. 1.2 N·m			
•	f the connection screw						
	for main contacts			M10			
of the auxiliary a	nd control contacts		M3				
Electrical Safety		50 00500	1000				
	the front according to I		IP00; IP20 with box terminal/cover				
	ne front according to IEC	60529	tinge	r-sate, for vertical contac	t from the front with box ter	minal/cover	
Communication/ Protoc							
	via input/output link m	aster	No				
Electromagnetic compa			_	_		_	
conducted interference	-						
 due to burst accord 	ording to IEC 61000-4-4				al ports) corresponds to de	egree of severity 3	
 due to conductor 	-earth surge according to	IEC 61000-4-5	2 kV	2 kV (line to earth) corresponds to degree of severity 3			
 due to conductor 61000-4-5 	-conductor surge accordir	ng to IEC	1 kV	1 kV (line to line) corresponds to degree of severity 3			
 due to high-frequ 4-6 	ency radiation according	to IEC 61000-	10 V	10 V in frequency range 0.15 to 80 MHz, modulation 80 $\%$ AM with 1 kHz			
	ce according to IEC 610	00-4-3	10 V/	/m			
	e according to IEC 6100			6 kV contact discharge / 8 kV air discharge			
Display	J. J			j.	<u> </u>		
display version for swite	ching status		Slide	switch			
Approvals Certificates	shing oldloo		Chao	owned			
General Product App	rovol					EMV	
	UK CA	CE EG-Konf.			EHC	RCM	
EMV	For use in hazard- ous locations	Test Certificate	es		Marine / Shipping		
<u>KC</u>	K ATEX	<u>Type Test Cer</u> ates/Test Rep		Special Test Certific- ate	ABS		
Marine / Shipping		other			Environment		
Lloyds		<u>Confirmatio</u>	n	Miscellaneous	Environmental Con- firmations		
Register					innations		
LRS	RINA						
Further information							
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RB2066-2MC2 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RB2066-2MC2							
Service&Support (Manuals, Certificates, Characteristics, FAQs,)							

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RB2066-2MC2 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RB2066-2MC2&lang=en Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RB2066-2MC2/char







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