## SIEMENS

## Data sheet

## 3RB2066-2MC2



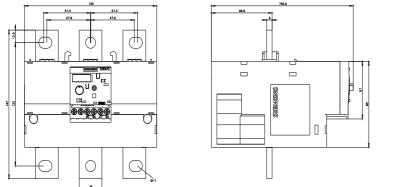
Overload relay 160...630 A for motor protection Size S10/S12, Class 20E Contactor mounting/stand-alone installation Main circuit: busbar connection Auxiliary circuit: Screw terminal Manual-Automatic-Reset

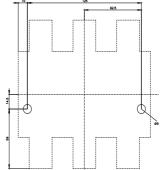
product brand name         SIRUS           product designation         solid-state overload relay           size of overload relay         SIR2           size of overload relay         SIR, SI2           insulation voltage with degree of polition 3 at AC rated value         1000 V           surge voltage 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 <sup>2</sup> ; 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 <sup>2</sup> ; 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	<b>o</b>	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	<b>e</b> .	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 %	<ul> <li>according to IEC 60068-2-27</li> </ul>	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	<ul> <li>with automatic reset typical</li> </ul>	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	<ul> <li>with remote-reset</li> </ul>	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

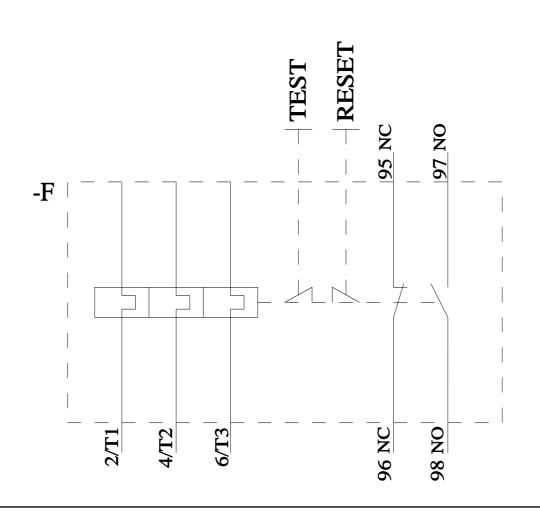
dependent everyland release	
dependent overload release	
operating voltage	4 000 \/
rated value	1 000 V
at AC-3e rated value maximum	1 000 V
operating frequency rated value	50 60 Hz
operational current rated value	630 A
operational current at AC-3e at 400 V rated value	630 A
operating power	
<ul> <li>for 3-phase motors at 400 V at 50 Hz</li> </ul>	90 355 kW
<ul> <li>for AC motors at 500 V at 50 Hz</li> </ul>	132 400 kW
<ul> <li>for AC motors at 690 V at 50 Hz</li> </ul>	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	
<ul> <li>at 480 V rated value</li> </ul>	630 A
<ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul>	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 <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> <li>Installation/ mounting/ dimensions     <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li>	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 <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> <li>Installation/ mounting/ dimensions     <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and</li> </ul> </li>	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 <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> <li>Installation/ mounting/ dimensions     <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> </ul> </li>	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 <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connection</li> </ul> </li>	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 <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> <li>Installation/ mounting/ dimensions     <ul> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Connections/ Terminals         <ul> <li>product component removable terminal for auxiliary and control circuit</li> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> </ul> </li>	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 <sup>2</sup> ), 2x (0,5 2,5 mm <sup>2</sup> )			
— finely stranded with core end processing		1x (0.5 2.5 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> )					
	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	-						
<ul> <li>due to burst accord</li> </ul>	ording to IEC 61000-4-4				al ports) corresponds to de	egree of severity 3	
<ul> <li>due to conductor</li> </ul>	-earth surge according to	IEC 61000-4-5	2 kV	2 kV (line to earth) corresponds to degree of severity 3			
<ul> <li>due to conductor</li> <li>61000-4-5</li> </ul>	-conductor surge accordir	ng to IEC	1 kV	1 kV (line to line) corresponds to degree of severity 3			
<ul> <li>due to high-frequ</li> <li>4-6</li> </ul>	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		
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