## SIEMENS

## Data sheet

## 3RB2056-1FX2



Overload relay 50...200 A for motor protection Size S6, Class 10E Contactor mounting/stand-alone installation Main circuit: straight-through transformer Auxiliary circuit: Spring-type terminal Manual-Automatic-Reset

product brand name	SIRIUS
product designation	solid-state overload relay
product type designation	3RB2
General technical data	
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 safe isolation in networks with grounded star point	
<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	300 V
<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	300 V
<ul> <li>between main and auxiliary circuit</li> </ul>	600 V
<ul> <li>between main and auxiliary circuit</li> </ul>	690 V
shock resistance	15g / 11 ms
<ul> <li>according to IEC 60068-2-27</li> </ul>	15g / 11 ms
vibration resistance	1-6 Hz, 15 mm; 6-500 Hz, 20 m/s²; 10 cycles
thermal current	200 A
type of protection according to ATEX directive 2014/34/EU	Ex II (2) G [Ex e] [Ex d] [Ex px] ; Ex II (2) D [Ex t] [Ex p]
certificate of suitability according to ATEX directive 2014/34/EU	PTB 06 ATEX 3001
reference code according to IEC 81346-2	F
Substance Prohibitance (Date)	07/01/2006
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
<ul> <li>during operation</li> </ul>	-25 +60 °C
<ul> <li>during storage</li> </ul>	-40 +80 °C
<ul> <li>during transport</li> </ul>	-40 +80 °C
temperature compensation	-25 +60 °C
relative humidity during operation	10 95 %
Main circuit	
number of poles for main current circuit	3
adjustable current response value current of the current-dependent overload release	50 200 A
operating voltage	
<ul> <li>rated value</li> </ul>	1 000 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	1 000 V
operating frequency rated value	50 60 Hz
operational current rated value	200 A

operating powr         300 A           • for 3-prase motors at 400 V at 50 Hz         3090 KW           • for 4-prase motors at 500 V at 50 Hz         3090 KW           • for A-c motors at 500 V at 50 Hz         3012 kW           • for A-c motors at 500 V at 50 Hz         3012 kW           • for A-c motors at 500 V at 50 Hz         3012 kW           • for A-c motors at 500 V at 50 Hz         55160 kW           Auxiliary contacts for auxiliary contacts         1           • nois         for contacts for auxiliary contacts           • at 110 V         4A           • at 120 V         3A           • at 20 V         3A           • at 20 V         3A           • at 20 V         0.3A           • at 20 V relatd value         200 A		
• of 3 phase motors at 400 V at 50 Hz     3090 KW       • for AC motors at 690 V at 50 Hz     30122 KW       • for AC motors at 690 V at 50 Hz     30122 KW       • for AC motors at 690 V at 50 Hz     1       • note     for AC motors at 690 V at 50 Hz       • note     for AC motors at 690 V at 50 Hz       • note     for AC motors at 690 V at 50 Hz       • note     for contacts for auxiliary contacts       • note     for contacts for auxiliary contacts       • note     for message "hipped"       • note     for message "hipped"       • at 128 V     4A       • at 128 V     0.3A       • at 228 V     0.3A       • at 228 V     0.11A       Protective and monitoring functions     ULCSA rations       trip class     CLASS 10E       • at 600 V rated value     200 A       • at 600 V rated value     200 A       • at 600 V rated value     200 A       • for short-circuit protection of the main circuit     gc. 355 A, Class L: 601 A       • for short-circuit protection of the auxiliary soritot     fase gG: 6A	operational current at AC-3e at 400 V rated value	200 A
• of 3 phase motors at 400 V at 50 Hz     3090 KW       • for AC motors at 690 V at 50 Hz     30122 KW       • for AC motors at 690 V at 50 Hz     30122 KW       • for AC motors at 690 V at 50 Hz     1       • note     for AC motors at 690 V at 50 Hz       • note     for AC motors at 690 V at 50 Hz       • note     for AC motors at 690 V at 50 Hz       • note     for contacts for auxiliary contacts       • note     for contacts for auxiliary contacts       • note     for message "hipped"       • note     for message "hipped"       • at 128 V     4A       • at 128 V     0.3A       • at 228 V     0.3A       • at 228 V     0.11A       Protective and monitoring functions     ULCSA rations       trip class     CLASS 10E       • at 600 V rated value     200 A       • at 600 V rated value     200 A       • at 600 V rated value     200 A       • for short-circuit protection of the main circuit     gc. 355 A, Class L: 601 A       • for short-circuit protection of the auxiliary soritot     fase gG: 6A	operating power	
<ul> <li>err AC motors at 680 V at 50 Hz</li> <li>20 132 kW</li> <li>Auxiliary circuit</li> <li>Integrated</li> <li>Integrated&lt;</li></ul>		30 90 kW
Auxiliary circuit         integrated           design of the auxiliary switch number of NC contacts for auxiliary contacts         integrated           • note         for contactor disconnection           • note         for contactor dis		30 132 kW
Auxiliary circuit         integrated           design of the auxiliary switch number of NC contacts for auxiliary contacts         integrated           • note         for contactor disconnection           number of NC contacts for auxiliary contacts         for contactor disconnection           • note         for contacts for auxiliary contacts           • note         for contacts for auxiliary contacts at AC-15           • all 24 V         4A           • at 110 V         4A           • at 120 V         4A           • at 120 V         4A           • at 220 V         3A           operational current of auxiliary contacts at DC-13         at 20 V           • at 20 V         0.55 A           • at 220 V         0.3A           • at 220 V         0.3A           • at 240 V rated value         200 A           • at 240 V rated value         200 A           • at 440 V rated value         200 A           • at 440 V rated value         200 A           • at 440 V rated value         200 A           • for short-circuit protection of the main circuit         • of short-circuit protection of the auxiliary	• for AC motors at 690 V at 50 Hz	55 160 kW
design of the auxiliary switch number of NC contacts for auxiliary contacts     integrated 1       • note number of NC contacts for auxiliary contacts     for contactor disconnection 1       • note number of CO contacts for auxiliary contacts     0       • at 24 V     4A       • at 120 V     3A       operational current of auxiliary contacts at DC-13     *       • at 24 V     0.55 A       • at 120 V     0.3A       • at 120 V rated value     200 A       • at 24 V rated value     200 A       • at 480 V rated value     200 A       • at 480 V rated value     200 A       • for short crucul protection of the main circuit     • for short crucul protection of the main circuit       • for short crucul protection of the main circuit     • for short crucul protection of the auxi		
number of NC contacts for auxiliary contacts         1           number of NO contacts for auxiliary contacts         1           number of CO contacts for auxiliary contacts         0           operational current of auxiliary contacts at AC-15         4A           at 24 V         4A           at 110 V         4A           at 25 V         3A           operational current of auxiliary contacts at DC-13         2A           at 25 V         3A           operational current of auxiliary contacts at DC-13         3A           at 25 V         3A           operational current of auxiliary contacts at DC-13         3A           at 10 V         0.55 A           at 10 V         0.3A           at 25 V         0.11 A           Protective and monitoring functions         CLASS 10E           electronic         11 (A           Protective and monitoring functions         200 A           contact rating of auxiliary contacts according to UL         B600 / R300           Short-circuit protection of the main circuit         9C 355 A, Class L: 601 A           - with type of ossignment 2 required         gC: 355 A, Class L: 601 A           - with type of ossignment 2 required         100 m           - for short-circuit protection of the auxiliary avith </th <td></td> <td></td>		
Inster of Coordination of auxiliary contacts     Inorber of Coordination for auxiliary contacts at AC-15     Inorber of Coordination for auxiliary contacts at AC-15     Inorber of Coordination for auxiliary contacts at DC-13     Inorber of Coordination for auxiliary contacts     Inorber of Coordination		-
number of NO contacts for auxiliary contacts     1       number of CO contacts for auxiliary contacts     0       operational current of auxiliary contacts at AC-15     4A       • at 24 V     4A       • at 10 V     4A       • at 25 V     3A       • at 26 V     3A       • at 26 V     3A       • at 20 V     0.3 A       • at 20 V     0.0 A       • at 20 V     0.0 A       • at 20 V rated value     200 A       • at 600 V rated value     200 A       • at 600 V rated value     200 A       • for short-circuit protection of the main circuit     - for short-circuit protection of the auxiliary switch required       • for short-circuit protection of the auxiliary switch required     62: 315 A       • for short-circuit protection of the auxiliary switch required     63: 315 A       • for auxiliary contacts     any	-	
• note     for message "tripped"       number of Coontacts for auxiliary contacts at AC-15     4       • at 24 V     4A       • at 120 V     4A       • at 24 V     4A       • at 25 V     3A       operational current of auxiliary contacts at DC-13     •       • at 20 V     0.55 A       • at 10 V     0.3 A       • at 22 V     0.3 A       • at 22 V     0.3 A       • at 22 V     0.11 A       Protective and monitoring functions     Electronic       Itl/ScA ratings     CLASS 10E       design of the overload release     electronic       Itl/ScA ratings     200 A       • at 400 V rated value     200 A       • for short-dircul protection of the main circuit     -       • for short-dircul protection of the auxiliary soutch     fase for the fuse link       • for short-dircul protection of the auxiliary soutch		
number of CD contacts for auxiliary contacts at AC-15         0           • al 24 V         4 A           • at 110 V         4 A           • at 120 V         4 A           • at 230 V         3 A           operational current of auxiliary contacts at DC-13         • at 230 V           • at 230 V         3 A           operational current of auxiliary contacts at DC-13         • at 24 V           • at 20 V         0.55 A           • at 10 V         0.3 A           • at 220 V         0.3 A           • at 20 V rated value         200 A           • at 600 V rated value         200 A           • at 600 V rated value         200 A           • at 600 V rated value         200 A           • for short-circuit protection of the main circuit         • for short-circuit protection of the auxiliary switch required           • for short-circuit protection of the auxiliary switch required         gG: 315 A           f fastening method         Contact arting protection at ord auxiliary and control circuit           • for short-circuit protection of the auxiliary and control circuit         sping-loaded terminals           f fastening method	-	
operational current of auxiliary contacts at AC-15         4 A           • at 24 V         4 A           • at 10 V         4 A           • at 120 V         2 A           • at 24 V         2 A           • at 26 V         0.3 A           • at 10 V         0.3 A           • at 220 V         0.3 A           • at 20 V rated value         200 A           • at 400 V rated value         200 A           • at 400 V rated value         200 A           • for short-circuit protection of the main circuit		
<ul> <li>el 24 V</li> <li>el 13 V</li> <li>el 12 V</li> <li>4 A</li> <li>el 12 V</li> <li>4 A</li> <li>el 23 V</li> <li>4 A</li> <li>el 23 V</li> <li>3 A</li> <li>operational current of auxiliary contacts at DC-13</li> <li>el 24 V</li> <li>el 24 V</li> <li>el 24 V</li> <li>el 24 V</li> <li>el 20 V</li> <li>0 3 A</li> <li>el 22 V</li> <li>0 4 40 V ratch value</li> <li>200 A</li> <li>el 600 V ratch value</li> <li>200</li></ul>	number of CO contacts for auxiliary contacts	0
e at 110 V     4 A       • at 125 V     4 A       • at 125 V     4 A       • at 125 V     3 A       • at 120 V     2 A       • at 120 V     2 A       • at 120 V     0.55 A       • at 10 V     0.3 A       • at 10 V     0.3 A       • at 120 V     0.3 A       • at 220 V     0.11 A       Protective and monitoring functions     Itilized current (FLA) for 3-phase AC motor       • at 430 V rated value     200 A       • at 430 V rated value     200 A       • at 630 V rated value     200 A       • at 640 V rated value     200 A       • at 640 V rated value     200 A       • bro rabot-circuit protection of the auxiliary soricuit </th <td>operational current of auxiliary contacts at AC-15</td> <td></td>	operational current of auxiliary contacts at AC-15	
• at 120 V     4 Å       • at 125 V     4 Å       • at 230 V     3 Å       operational current of auxiliary contacts at DC-13     2 Å       • at 20 V     0.55 Å       • at 10 V     0.55 Å       • at 110 V     0.3 Å       • at 125 V     0.3 Å       • at 220 V     0.11 Å       Protective and monitoring functions     Trip class       trip class     CLASS 10E       design of the overload release     electronic       ULCSA ratings     Tull-A Y rated value       200 Å     at 600 V rated value     200 Å       • at 600 V rated value     200 Å       contact rating of auxiliary contacts according to UL     B600 / R300       Short-discuit protection     gG: 355 Å, Class L: 601 Å       • for short-ciscuit protection of the main circuit     gG: 355 Å, Class L: 601 Å       • for short-ciscuit protection of the auxiliary switch required     gG: 355 Å, Class L: 601 Å       • for short-ciscuit protection of the auxiliary switch required     any       required     Tori auxiliary contacts       protections of order class L's on the stallation     119 mm       width     120 mm       deepth     156 mm       required     frestalled mensions       are at 600 concetors for main current icruit     straight-through transformers	• at 24 V	
	• at 110 V	4 A
	• at 120 V	4 A
operational current of auxiliary contacts at DC-13       2 A         • at 24 V       2 A         • at 24 V       0.55 A         • at 110 V       0.3 A         • at 220 V       0.3 A         • at 220 V       0.11 A         Protective and monitoring functions       trip class         disign of the overload release       electronic         ULCSA ratings       200 A         totil-code current (FLA) for 3-phase AC motor       •         • at 480 V rated value       200 A         contact rating of auxilary contacts according to UL       B600 / R300         Short-circuit protection       g6: 355 A. Class L: 601 A         design of the fuse link       e for short-circuit protection of the main circuit         - with type of coordination 1 required       g6: 315 A         - with type of coordination 1 required       g6: 315 A         • for abort-circuit protection of the auxiliary switch reguired       any         fastening method       Contactor mounting/stand-alone installation         height       119 mm         width       120 mm         depth       155 mm         Connactors/Torminals       Yes         product component removable terminal for auxiliary and control circuit       straight-through transformers	• at 125 V	4 A
<ul> <li>eit 24 V</li> <li>eit 26 V</li> <li>0.55 Å</li> <li>eit 110 V</li> <li>0.3 Å</li> <li>eit 122 V</li> <li>0.3 Å</li> <li>eit 22 V</li> <li>0.11 Å</li> <li>Protective and monitoring functions</li> <li>trip class</li> <li>design of the overload release</li> <li>electronic</li> <li>UL/CSA ratings</li> <li>UL/CSA ratings</li> <li>UL/CSA rating of the overload release</li> <li>electronic</li> <li>UL/CSA rating of the overload release</li> <li>electronic</li> <li>UL/CSA ratings</li> <li>UL/CSA rating of the overload release</li> <li>electronic</li> <li>UL/CSA rating of the fuse link</li> <li>ent et al V rated value</li> <li>200 Å</li> <li>eat 600 V rated value</li> <li>200 Å</li> <li>eat 600 V rated value</li> <li>200 Å</li> <li>eat 600 V rated value</li> <li>200 Å</li> <li>S5 A, Class L: 601 Å</li> <li>gG: 355 Å, Class L: 601 Å</li> <li>gG: 315 Å</li> <li>fuse gG: 6 Å</li> <li>reguired</li> <li>restain position</li> <li>any</li> <li>fastening method</li> <li>height</li> <li>119 mm</li> <li>width</li> <li>120 mm</li> <li>depth</li> <li>for auxiliary and control circuit</li> <li>of ra auxiliary and control circuit</li> <li>of or auxiliary contacts</li> <li>of auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>of or auxiliary contacts</li> <li>auxiliary and control circuit</li> <li>auxiliary contacits</li> <li>auxiliary contacits</li> <li>auxiliary c</li></ul>	• at 230 V	3 A
• at 60 V         0.55 Å           • at 125 V         0.3 Å           • at 22 V         0.11 Å           Protective and monitoring functions         UICSA ratings           CLASS 10E         electronic           ULCSA ratings         CLASS 10E           full-load current (FLA) for 3-phase AC motor         electronic           • at 480 V rated value         200 Å           • at 600 V rated value         200 Å           contact rating of auxiliary contacts according to UL         B600 / R300           Short-circuit protection         B600 / R300           Short-circuit protection of the main circuit	operational current of auxiliary contacts at DC-13	
• at 110 V     0.3 A       • at 122 V     0.11 A       Protective and monitoring functions     ULCSA ratings       trip class     CLASS 10E       design of the overload release     electronic       UL/CSA ratings     200 A       full-load current (FLA) for 3-phase AC motor     • at 800 V rated value       • at 400 V rated value     200 A       contact rating of auxiliary contacts according to UL     B600 / R300       Short-circuit protection     B600 / R300       Short-circuit protection of the main circuit     - with type of coordination 1 required       - with type of assignment 2 required     gG: 355 A, Class L: 601 A       - with type of assignment 2 required     gG: 315 A       required     ruse gG: 6 A       Installation/ mounting/ dimensions     any       contactor mounting/stand-alone installation     height       height     119 mm       width     120 nm       depth     155 mm       Connactions/ Terminals     Yes       product component removable terminal for auxiliary and control circuit     straight-through transformers       i for auxiliary contacts     springl-loaded terminals       - main current circuit     straight-through transformers       i for auxiliary contacts     springl-loaded terminals       - for auxiliary contacts     2x (0.25	• at 24 V	2 A
<ul> <li>et 125 V</li> <li>et 220 V</li> <li>0.11 A</li> <li>Protective and monitoring functions</li> <li>trip class</li> <li>class of the overload release</li> <li>electronic</li> <li>UL/CSA ratings</li> <li>Tull-load current (FLA) for 3-phase AC motor         <ul> <li>et 480 V rated value</li> <li>200 A</li> <li>entertain of auxiliary contacts according to UL</li> </ul> </li> <li>B600 / R300</li> <li>Short-circuit protection of the main circuit         <ul> <li>or short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>gG: 355 A, Class L: 601 A</li> <li>gG: 356 A, Class L: 601 A</li> <li>gG: 356 A, Class L: 601 A</li> <li>gG: 357 A, Class L: 601 A</li> <li>gG: 356 A, Class L: 601 A</li> <li>gG: 356 A, Class L: 601 A</li> <li>gG: 357 A, Class L: 601 A</li> <li>gG: 356 A, Class L: 601 A</li> <li>gG: 357 A, Class L: 601 A</li></ul></li></ul>	• at 60 V	0.55 A
	• at 110 V	0.3 A
Protective and monitoring functions         trip class       CLASS 10E         design of the overload release       electronic         ULCSA ratings       full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>200 A</li> <li>200 A</li> <li>contact rating of auxiliary contacts according to UL</li> <li>B600 / R300</li> </ul> Short-circuit protection       B600 / R300         Short-circuit protection of the main circuit       - with type of coordination 1 required         gG: 355 A, Class L: 601 A       gG: 315 A         ture of assignment 2 required       gG: 315 A         mounting position       any         fastening method       Contactor mounting/stand-alone installation         height       119 mm         width       120 mm         depth       155 mm         Connections/ Terminals       Yes         of auxiliary and control circuit       straight-through transformers         ariangement of electrical connectors for main current circuit       straight-through transformers         of or auxiliary accontrol circuit       straight-through transformers         of or auxiliary accontrol circuit       straight-through transformers         of or auxiliary accontrol circuit       straight-through transformers         of or auxili	• at 125 V	0.3 A
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-circult protection       gG: 355 A, Class L: 601 A         - with type of coordination 1 required       gG: 315 A         - with type of coordination 1 required       gG: 315 A         - with type of assignment 2 required       gG: 315 A         Installation/mounting/ dimensions       fuse gG: 6 A         mounting position       any         fastening method       10 mm         height       125 mm         product component removable terminal for auxillary and control circuit       straight-through transformers         of or auxiliary and control circuit       straight-through transformers         of or auxiliary contacts       2x (0.25 1.5 mm²)         - solid       2x (0.25 1.5 mm²)         - solid or stranded       2x (0.25 1.5 mm²)         - fiely stranded with core end processing       2x (0.25 1.5 mm²)         - infly stranded with core end processing       2x (0.25 1.5 mm²)         - infley stranded throuc	• at 220 V	0.11 A
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-circult protection       gG: 355 A, Class L: 601 A         - with type of coordination 1 required       gG: 315 A         - with type of coordination 1 required       gG: 315 A         - with type of assignment 2 required       gG: 315 A         Installation/mounting/ dimensions       fuse gG: 6 A         mounting position       any         fastening method       10 mm         height       125 mm         product component removable terminal for auxillary and control circuit       straight-through transformers         of or auxiliary and control circuit       straight-through transformers         of or auxiliary contacts       2x (0.25 1.5 mm²)         - solid       2x (0.25 1.5 mm²)         - solid or stranded       2x (0.25 1.5 mm²)         - fiely stranded with core end processing       2x (0.25 1.5 mm²)         - infly stranded with core end processing       2x (0.25 1.5 mm²)         - infley stranded throuc	Protective and monitoring functions	
design of the overload release     electronic       ULCSA 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 of the main circuit       - with type of coordination 1 required     gG: 355 A, Class L: 601 A       - with type of assignment 2 required     gG: 315 A       fuse gG: 6 A     fuse gG: 6 A       required       Installation/ mounting/ dimensions       mounting position     any       fastening method     Contactor mounting/stand-alone installation       height     119 mm       width     120 mm       depth     155 mm       Connections/ Terminals       Type of electrical connectors for main current circuit       straight-through transformers     spring-loaded terminals       of auxiliary and control circuit     straight-through transformers       of auxiliary and control circuit     spring-loaded terminals       Top and bottom     2x (0.25 1.5 mm <sup>3</sup> )       - solid     2x (0.25 1.5 mm <sup>3</sup> )       - solid     2x (0.25 1.5 mm <sup>3</sup> )       - solid or stranded     2x (0.2	trip class	CLASS 10E
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       Ge 305 A, Class L: 601 A         design of the fuse link       9G: 355 A, Class L: 601 A         - with type of assignment 2 required       gG: 315 A         nequired       required         mounting position       any         fastaliator/mounting/ dimensions       Contactor mounting/stand-alone installation         height       119 mm         width       120 mm         depth       155 mm         Connections/ Terminals       yres         product component removable terminal for auxillary and control circuit       straight-through transformers         of or auxillary and control circuit       straight-through transformers         e for auxillary contacts       2x (0.25 1.5 mm²)         - solid       2x (0.25 1.5 mm²)         - solid or stranded       2x (0.25 1.5 mm²)         - finely stranded with core end processing       2x (0.25 1.5 mm²)         - atilizer to auxiliary contacts       2x (0.25 1.5 mm²)         - finely stranded with core end processing <td>•</td> <td></td>	•	
full-load current (FLA) for 3-phase AC motor       200 A         • 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       gG: 355 A, Class L: 601 A         design of the fuse link       - with type of coordination 1 required         - with type of coordination 1 required       gG: 315 A         - with type of coordination 1 required       gG: 315 A         - with type of assignment 2 required       gG: 315 A         if or short-circuit protection of the auxiliary switch required       fuse gG: 6 A         Installation/ mounting/ dimensions       any         mounting position       any         fastening method       Contactor mounting/stand-alone installation         height       120 mm         udott component removable terminal for auxiliary and control circuit       Yes         of or auxiliary and control circuit       straight-through transformers         of or auxiliary and control circuit       straight-through transformers         of or auxiliary contacts       2x (0.25 1.5 mm²)         - solid       2x (0.25 1.5 mm²)         - finely stranded with core end processing       2x (0.25 1.5 mm²)         - inely stranded without core end processi		
• at 480 V rated value     200 A       • at 600 V rated value     200 A       • at 600 V rated value     200 A <b>Sont-circuit protection</b> B600 / R300 <b>Sont-circuit protection</b> Gesign of the fuse link       • for short-circuit protection of the main circuit     gG: 355 A, Class L: 601 A       — with type of coordination 1 required     gG: 315 A       • for short-circuit protection of the auxiliary switch required     gG: 315 A       Installation/ mounting/ dimensions     any       Contactor mounting/stand-atone installation     119 mm       width     120 mm       depth     155 mm <b>Connections/ Terminals</b> Yes       product component removable terminal for auxiliary and control circuit     spring-loaded terminals       if or auxiliary and control circuit     spring-loaded terminals       arrangement of electrical connectors for main current circuit     yex (0.25 1.5 mm²)       • for auxiliary contacts     2x (0.25 1.5 mm²)       • for auxiliary contacts     2x (0.25 1.5 mm²)       • axiliary contacts <td></td> <td></td>		
• at 600 V rated value     200 Å       contact rating of auxiliary contacts according to UL     B600 / R300       Short-circuit protection     Gesign of the fuse link       • for short-circuit protection of the main circuit     gG: 355 Å, Class L: 601 Å       — with type of coordination 1 required     gG: 315 Å       — with type of assignment 2 required     gG: 315 Å       for short-circuit protection of the auxiliary switch required     fs: 315 Å       Installation/ mounting/ dimensions     any       Mounting position     any       fastening method     Contactor mounting/stand-alone installation       height     119 mm       width     120 mm       depth     155 mm       Connections/ Terminals     Yes       of or auxiliary and control circuit     straight-through transformers       i for auxiliary and control circuit     spring-loaded terminals       i for auxiliary and control circuit     straight-through transformers       i for auxiliary contacts     i for auxiliary contacts       i for auxiliary contacts     2x (0.25 1.5 mm <sup>2</sup> )       i fiely stranded with core end processing     2x (0.25 1.5 mm <sup>2</sup> )       i ex lobes for auxiliary contacts     2x (0.25 1.5 mm <sup>2</sup> )       i ex lobes for auxiliary contacts     2x (0.25 1.5 mm <sup>2</sup> )       i ex lobes for auxiliary contacts     2x (0.25 1.5 mm <sup>2</sup> )		200 A
contact rating of auxiliary contacts according to UL     B600 / R300       Short-circuit protection     Geign of the fuse link     •       • or short-circuit protection of the main circuit     GG: 355 A, Class L: 601 A       • with type of assignment 2 required     gG: 315 A       • for short-circuit protection of the auxiliary switch required     gG: 315 A       nounting position     any       fastening method     Contactor mounting/stand-alone installation       height     119 mm       width     120 mm       depth     155 mm       Connections/ Terminals     Yes       product component removable terminal for auxiliary and control circuit     straight-through transformers       • for auxiliary and control circuit     straight-through transformers       • for auxiliary and control circuit     spring-loaded terminals       arrangement of electrical connectors for main current circuit     Top and bottom       • for auxiliary contacts     2x (0.25 1.5 mm <sup>9</sup> )       • asolid     2x (0.25 1.5 mm <sup>9</sup> )       • finely stranded with core end processing     2x (0.25 1.5 mm <sup>9</sup> )       • at WG cables for auxiliary contacts     2x (24 16)       Safety related data     protection class IP on the front according to IEC		
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         product component removable terminal for auxiliary         and control circuit         type of electrical connection         • for auxiliary and control circuit         arrangement of electrical connectors for main current circuit         type of connectable conductor cross-sections         • for auxiliary contacts         - solid       2x (0.25 1.5 mm²)		
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>for short-circuit protection of the auxiliary switch required</li> <li>for auxiliary content circuit</li> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>for auxiliary contacts</li> <li>solid</li> <li>2x (0.25 1.5 mm²)</li> <li>ax (0.25 1.5 mm²)</li></ul>		8000710000
<ul> <li>for short-circuit protection of the main circuit         <ul> <li>with type of coordination 1 required</li> <li>gG: 355 A, Class L: 601 A</li> <li>gG: 315 A</li> <li>for short-circuit protection of the auxiliary switch required</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>Contactor mounting/stand-alone installation</li> <li>height</li> <li>119 mm</li> <li>with type of electrical connections</li> </ul> </li> <li>product component removable terminal for auxiliary and control circuit</li> <li>type of electrical connections</li> <li>for main current circuit</li> <li>spring-loaded terminals</li> <li>Top and bottom</li> </ul> <li>type of connectable conductor cross-sections         <ul> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>2x (0.25 1.5 mm<sup>2</sup>)</li> <li>x (0.25 1.5 mm<sup>2</sup>)</li></ul></li>		
with type of coordination 1 required       gG: 355 A, Class L: 601 A         with type of assignment 2 required       gG: 315 A         • for short-circuit protection of the auxiliary switch required       fuse gG: 6 A         Installation/ mounting/ dimensions       any         mounting position       any         fastening method       Contactor mounting/stand-alone installation         height       119 mm         width       120 mm         depth       155 mm         Connections/ Terminals       Yes         product component removable terminal for auxillary and control circuit       straight-through transformers         • for auxiliary and control circuit       straight-through transformers         • for auxiliary and control circuit       spring-loaded terminals         arrangement of electrical connectors for main current circuit       spring-loaded terminals         • for auxiliary contacts       - solid         - solid or stranded       2x (0.25 1.5 mm²)         - solid or stranded       2x (0.25 1.5 mm²)         - finely stranded with core end processing       2x (0.25 1.5 mm²)         - finely stranded with core end processing       2x (0.25 1.5 mm²)         - at AWG cables for auxiliary contacts       2x (0.25 1.5 mm²)         - finely stranded withou core end		
with type of assignment 2 required     gG: 315 A       • for short-circuit protection of the auxiliary switch required     fuse gG: 6 A       Installation/ mounting/ dimensions     any       mounting position     any       fastening method     Contactor mounting/stand-alone installation       height     119 mm       width     120 mm       depth     155 mm       Connections/ Terminals     Yes       product component removable terminal for auxiliary and control circuit     straight-through transformers       • for main current circuit     spring-loaded terminals       arrangement of electrical connectors for main current circuit     Top and bottom       • for auxiliary contacts     - solid     2x (0.25 1.5 mm²)       - solid or stranded     2x (0.25 1.5 mm²)       - finely stranded with core end processing     2x (0.25 1.5 mm²)       - finely stranded without core end processing     2x (0.25 1.5 mm²)       - finely stranded without core end processing     2x (2.25 1.5 mm²)       - finely stranded without core end processing     2x (2.25 1.5 mm²)       - at AWG cables for auxiliary contacts     2x (0.25 1.5 mm²)       - finely stranded without core end processing     2x (2.25 1.5 mm²)       - at AWG cables for auxiliary contacts     2x (2.25 1.5 mm²)       - finely stranded mithout core of processing <td< th=""><td></td><td></td></td<>		
• for short-circuit protection of the auxiliary switch required       fuse gG: 6 A         Installation/ mounting/ dimensions       any         mounting position       any         fastening method       Contactor mounting/stand-alone installation         height       119 mm         width       120 mm         depth       155 mm         Connections/ Terminals       Yes         product component removable terminal for auxiliary and control circuit       straight-through transformers         • for auxiliary and control circuit       straight-through transformers         • for auxiliary and control circuit       spring-loaded terminals         arrangement of electrical connectors for main current circuit       Top and bottom         • for auxiliary contacts       - solid       2x (0.25 1.5 mm <sup>2</sup> )         - solid or stranded       2x (0.25 1.5 mm <sup>2</sup> )       2x (0.25 1.5 mm <sup>2</sup> )         - finely stranded with core end processing       2x (0.25 1.5 mm <sup>2</sup> )       2x (2.25 1.5 mm <sup>2</sup> )         • at WG cables for auxiliary contacts       2x (2.4 16)       Safety related data         protection class IP on the front according to IEC       IP20		-
required         Installation/ mounting/ dimensions         mounting position       any         fastening method       Contactor mounting/stand-alone installation         height       119 mm         width       120 mm         depth       155 mm         Connections/ Terminals         product component removable terminal for auxiliary and control circuit       Yes         of or main current circuit       straight-through transformers         • for main current circuit       spring-loaded terminals         arrangement of electrical connectors for main current circuit       Top and bottom         type of connectable conductor cross-sections       • for auxiliary contacts         - solid       2x (0.25 1.5 mm²)         - solid or stranded       2x (0.25 1.5 mm²)         - finely stranded with core end processing       2x (0.25 1.5 mm²)         • finely stranded with core end processing       2x (0.25 1.5 mm²)         • at AWG cables for auxiliary contacts       2x (24 16)         Safety related data       IP20		-
Installation/ mounting/ dimensions       any         fastening method       any         height       119 mm         width       120 mm         depth       155 mm         Connections/ Terminals         product component removable terminal for auxiliary and control circuit       Yes         type of electrical connection       straight-through transformers         • for auxiliary and control circuit       spring-loaded terminals         arrangement of electrical connectors for main current circuit       Top and bottom         type of connectable conductor cross-sections       • for auxiliary contacts         - solid       2x (0.25 1.5 mm²)         - solid or stranded       2x (0.25 1.5 mm²)         - finely stranded with core end processing       2x (0.25 1.5 mm²)         - finely stranded without core end processing       2x (0.25 1.5 mm²)         - at AWG cables for auxiliary contacts       2x (24 16)         Safety related data       protection class IP on the front according to IEC		fuse gG: 6 A
mounting position     any       fastening method     Contactor mounting/stand-alone installation       height     119 mm       width     120 mm       depth     155 mm       Connections/ Terminals       product component removable terminal for auxiliary and control circuit       type of electrical connection     Yes       • for main current circuit     straight-through transformers       • for auxiliary and control circuit     spring-loaded terminals       arrangement of electrical connectors for main current circuit     Top and bottom       type of connectable conductor cross-sections     • for auxiliary contacts       - solid     2x (0.25 1.5 mm²)       - solid or stranded     2x (0.25 1.5 mm²)       - finely stranded with core end processing     2x (0.25 1.5 mm²)       • finely stranded without core end processing     2x (0.25 1.5 mm²)       • at AWG cables for auxiliary contacts     2x (24 16)       Safety related data     protection class IP on the front according to IEC		
fastening methodContactor mounting/stand-alone installationheight119 mmwidth120 mmdepth155 mmConnections/ TerminalsYesorduct component removable terminal for auxiliary and control circuittype of electrical connectionYes• for main current circuitstraight-through transformers• for auxiliary and control circuitspring-loaded terminalsarrangement of electrical connectors for main current circuitTop and bottom• for auxiliary contacts- solid- solid or stranded2x (0.25 1.5 mm²)- solid or stranded with core end processing - finely stranded without core end processing - finely stranded without core end processing - at AWG cables for auxiliary contacts2x (0.25 1.5 mm²)Safety related dataIP20	Installation/ mounting/ dimensions	
height       119 mm         width       120 mm         depth       155 mm         Connections/ Terminals         Yes         and control circuit         type of electrical connection         • for main current circuit       straight-through transformers         • for main current circuit       spring-loaded terminals         arrangement of electrical connectors for main current circuit       Top and bottom         type of connectable conductor cross-sections       • for auxiliary contacts         • solid or stranded       2x (0.25 1.5 mm²)         - solid or stranded       2x (0.25 1.5 mm²)         • finely stranded with core end processing       2x (0.25 1.5 mm²)         • at AWG cables for auxiliary contacts       2x (24 16)         Safety related data         IPotection class IP on the front according to IEC		
width depth       120 mm         depth       155 mm         Connections/ Terminals         product component removable terminal for auxiliary and control circuit       Yes         product component removable terminal for auxiliary and control circuit       Yes         type of electrical connection       • for main current circuit       straight-through transformers         • for auxiliary and control circuit       spring-loaded terminals       Top and bottom         arrangement of electrical connectors for main current circuit       Top and bottom       Top and bottom         type of connectable conductor cross-sections       • for auxiliary contacts       2x (0.25 1.5 mm²)         - solid       2x (0.25 1.5 mm²)       - finely stranded with core end processing       2x (0.25 1.5 mm²)         - finely stranded with core end processing       2x (0.25 1.5 mm²)       - at AWG cables for auxiliary contacts       2x (24 16)         Safety related data       protection class IP on the front according to IEC       IP20		any
depth     155 mm       Connections/ Terminals     Yes       product component removable terminal for auxiliary and control circuit     Yes       type of electrical connection     • for main current circuit     straight-through transformers       • for auxiliary and control circuit     spring-loaded terminals       arrangement of electrical connectors for main current circuit     Top and bottom       type of connectable conductor cross-sections     • for auxiliary contacts       - solid     2x (0.25 1.5 mm²)       - solid or stranded     2x (0.25 1.5 mm²)       - finely stranded with core end processing     2x (0.25 1.5 mm²)       - finely stranded without core end processing     2x (0.25 1.5 mm²)       - at AWG cables for auxiliary contacts     2x (24 16)       Safety related data     IP20	fastening method	Contactor mounting/stand-alone installation
Connections/ Terminals         product component removable terminal for auxiliary and control circuit       Yes         type of electrical connection       straight-through transformers         • for auxiliary and control circuit       spring-loaded terminals         arrangement of electrical connectors for main current circuit       Top and bottom         type of connectable conductor cross-sections       Top and bottom         • for auxiliary contacts       2x (0.25 1.5 mm²)         — solid       2x (0.25 1.5 mm²)         — solid or stranded       2x (0.25 1.5 mm²)         — finely stranded with core end processing       2x (0.25 1.5 mm²)         — finely stranded without core end processing       2x (0.25 1.5 mm²)         • at AWG cables for auxiliary contacts       2x (24 16)         Safety related data       IP20	fastening method	Contactor mounting/stand-alone installation 119 mm
product component removable terminal for auxiliary and control circuit       Yes         type of electrical connection       • for main current circuit       straight-through transformers         • for auxiliary and control circuit       spring-loaded terminals         arrangement of electrical connectors for main current circuit       Top and bottom         type of connectable conductor cross-sections       • for auxiliary contacts         - solid       2x (0.25 1.5 mm²)         - solid or stranded       2x (0.25 1.5 mm²)         - finely stranded with core end processing       2x (0.25 1.5 mm²)         - finely stranded without core end processing       2x (0.25 1.5 mm²)         - at AWG cables for auxiliary contacts       2x (24 16)         Safety related data       IP20	fastening method height width	Contactor mounting/stand-alone installation 119 mm 120 mm
and control circuittype of electrical connection• for main current circuitstraight-through transformers• for auxiliary and control circuitspring-loaded terminalsarrangement of electrical connectors for main current circuitTop and bottomtype of connectable conductor cross-sectionsTop and bottom• for auxiliary contacts $2x (0.25 1.5 mm^2)$ - solid $2x (0.25 1.5 mm^2)$ - finely stranded with core end processing - finely stranded without core end processing - at AWG cables for auxiliary contacts $2x (0.25 1.5 mm^2)$ Safety related dataIP20	fastening method height width depth	Contactor mounting/stand-alone installation 119 mm 120 mm
type of electrical connectionstraight-through transformers• for main current circuitstraight-through transformers• for auxiliary and control circuitspring-loaded terminalsarrangement of electrical connectors for main current circuitTop and bottomtype of connectable conductor cross-sections• for auxiliary contacts• for auxiliary contacts- solid2 x (0.25 1.5 mm²)- solid or stranded2x (0.25 1.5 mm²)- finely stranded with core end processing2x (0.25 1.5 mm²)- finely stranded without core end processing2x (0.25 1.5 mm²)• at AWG cables for auxiliary contacts2x (24 16)Safety related dataprotection class IP on the front according to IECIP20	fastening method height width depth	Contactor mounting/stand-alone installation 119 mm 120 mm
<ul> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>type of connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>– solid</li> <li>– solid or stranded</li> <li>– finely stranded with core end processing</li> <li>– finely stranded without core end processing</li> <li>– at AWG cables for auxiliary contacts</li> <li>2x (0.25 1.5 mm<sup>2</sup>)</li> <li>– at AWG cables for auxiliary contacts</li> <li>2x (0.25 1.5 mm<sup>2</sup>)</li> <li>2x (0.25 1.5 mm<sup>2</sup>)</li> <li>2x (0.25 1.5 mm<sup>2</sup>)</li> <li>2x (0.25 1.5 mm<sup>2</sup>)</li> <li>4 AWG cables for auxiliary contacts</li> <li>2x (24 16)</li> </ul>	fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm
<ul> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>type of connectable conductor cross-sections         <ul> <li>for auxiliary contacts</li> <li>solid</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>Safety related data</li> <li>protection class IP on the front according to IEC</li> <li>IP20</li> </ul>	fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm
arrangement of electrical connectors for main current circuit       Top and bottom         type of connectable conductor cross-sections       Top and bottom         • for auxiliary contacts       - solid         - solid       2x (0.25 1.5 mm²)         - solid or stranded       2x (0.25 1,5 mm²)         - finely stranded with core end processing       2x (0.25 1,5 mm²)         - finely stranded with core end processing       2x (0.25 1,5 mm²)         - finely stranded without core end processing       2x (0.25 1,5 mm²)         - at AWG cables for auxiliary contacts       2x (24 16)         Safety related data       IP20	fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes
circuit       type of connectable conductor cross-sections         • for auxiliary contacts       - solid         - solid       2x (0.25 1.5 mm²)         - solid or stranded       2x (0,25 1,5 mm²)         - finely stranded with core end processing       2x (0.25 1,5 mm²)         - finely stranded with core end processing       2x (0.25 1,5 mm²)         - finely stranded without core end processing       2x (0.25 1,5 mm²)         - finely stranded without core end processing       2x (0.25 1.5 mm²)         - at AWG cables for auxiliary contacts       2x (24 16)         Safety related data       IP20	fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes straight-through transformers
type of connectable conductor cross-sections         • for auxiliary contacts         — solid       2x (0.25 1.5 mm²)         — solid or stranded       2x (0,25 1,5 mm²)         — finely stranded with core end processing       2x (0.25 1,5 mm²)         — finely stranded with core end processing       2x (0.25 1.5 mm²)         — finely stranded without core end processing       2x (0.25 1.5 mm²)         • at AWG cables for auxiliary contacts       2x (24 16)         Safety related data       IP20	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	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes straight-through transformers spring-loaded terminals
<ul> <li>for auxiliary contacts         <ul> <li>solid</li> <li>solid or stranded</li> <li>solid or stranded</li> <li>2x (0.25 1.5 mm<sup>2</sup>)</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>2x (0.25 1.5 mm<sup>2</sup>)</li> <li>finely stranded without core end processing</li> <li>2x (0.25 1.5 mm<sup>2</sup>)</li> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>Safety related data</li> <li>protection class IP on the front according to IEC</li> <li>IP20</li> </ul>	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	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes straight-through transformers spring-loaded terminals
	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	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes straight-through transformers spring-loaded terminals
	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	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes straight-through transformers spring-loaded terminals
finely stranded with core end processing       2x (0.25 1.5 mm²)         finely stranded without core end processing       2x (0.25 1.5 mm²)         • at AWG cables for auxiliary contacts       2x (24 16)         Safety related data       IP20	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	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes straight-through transformers spring-loaded terminals Top and bottom
<ul> <li>finely stranded without core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>2x (0.25 1.5 mm<sup>2</sup>)</li> <li>2x (24 16)</li> <li>Safety related data</li> <li>protection class IP on the front according to IEC</li> <li>IP20</li> </ul>	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	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes straight-through transformers spring-loaded terminals Top and bottom 2x (0.25 1.5 mm <sup>2</sup> )
• at AWG cables for auxiliary contacts 2x (24 16) Safety related data protection class IP on the front according to IEC IP20	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	Contactor mounting/stand-alone installation         119 mm         120 mm         155 mm         Yes         Straight-through transformers         spring-loaded terminals         Top and bottom         2x (0.25 1.5 mm²)         2x (0,25 1,5 mm²)
Safety related data protection class IP on the front according to IEC IP20	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	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes straight-through transformers spring-loaded terminals Top and bottom 2x (0.25 1.5 mm <sup>2</sup> ) 2x (0.25 1.5 mm <sup>2</sup> ) 2x (0.25 1.5 mm <sup>2</sup> )
protection class IP on the front according to IEC IP20	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 - finely stranded with core end processing - finely stranded without core end processing	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes straight-through transformers spring-loaded terminals Top and bottom 2x (0.25 1.5 mm <sup>2</sup> ) 2x (0.25 1.5 mm <sup>2</sup> ) 2x (0.25 1.5 mm <sup>2</sup> ) 2x (0.25 1.5 mm <sup>2</sup> )
	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 - finely stranded without core end processing • at AWG cables for auxiliary contacts	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes straight-through transformers spring-loaded terminals Top and bottom 2x (0.25 1.5 mm <sup>2</sup> ) 2x (0.25 1.5 mm <sup>2</sup> ) 2x (0.25 1.5 mm <sup>2</sup> ) 2x (0.25 1.5 mm <sup>2</sup> )
	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 - finely stranded without core end processing • at AWG cables for auxiliary contacts	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes Straight-through transformers spring-loaded terminals Top and bottom $2x (0.25 1.5 mm^2)$ $2x (0.25 1.5 mm^2)$ $2x (0.25 1.5 mm^2)$ $2x (0.25 1.5 mm^2)$ $2x (24 16)$
	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 — finely stranded without core end processing • at AWG cables for auxiliary contacts Safety related data protection class IP on the front according to IEC	Contactor mounting/stand-alone installation 119 mm 120 mm 155 mm Yes Straight-through transformers spring-loaded terminals Top and bottom $2x (0.25 1.5 mm^2)$ $2x (0.25 1.5 mm^2)$ $2x (0.25 1.5 mm^2)$ $2x (0.25 1.5 mm^2)$ $2x (24 16)$

finger-safe, for vertical contact from the front

Communication/ Protocontrype of voltage supply					
type of voltage supply					
		nk master	lo		
lectromagnetic compar					
conducted interference					te de su de su
due to burst according to IEC 61000-4-4		3	<ul> <li>2 kV (power ports), 1 kV (signal ports) corresponds to degree of severity</li> <li>3</li> <li>2 kV (line to earth) corresponds to degree of severity 3</li> </ul>		
<ul> <li>due to conductor-earth surge according to IEC 61000-4-5</li> <li>due to conductor-conductor surge according to IEC</li> </ul>			kV (line to line) correspon	-	
<ul> <li>due to conductor-conductor surge according to IEC</li> <li>61000-4-5</li> <li>due to high-frequency radiation according to IEC</li> </ul>		Ū	, , , , , , , , , , , , , , , , , , ,	с .	
61000-4-6 field-based interference according to IEC 61000-4-3		k	10 V in frequency range 0.15 to 80 MHz, modulation 80 % AM with 1 kHz 10 V/m		
electrostatic discharge	-		kV contact discharge / 8 k	V air discharge	
isplay					
display version for switcl	ning status	e	Slide switch		
ertificates/ approvals					
General Product Appr	oval				EMC
	<u>Confirmation</u>			EHC	
For use in hazard- ous locations	Declaration of Con	formity	Test Certificates		Marine / Shipping
KEx ATEX	CE EG-Konf.	UK CA	<u>Type Test Certific-</u> ates/Test Report	Special Test Certific- ate	ABS
Marine / Shipping			other		
Lloyd's Register	RINA	DNV-GL EMOLEDINE	<u>Confirmation</u>	<u>Miscellaneous</u>	
urther information					
	tiemens.com/cs/ww/ loadcenter (Catalo m/ic10 rdering system) nens.com/mall/en/er n.siemens.com/WW/ uals, Certificates, (	ogs, Brochures,) n/Catalog/product?m	lf <u>b=3RB2056-1FX2</u> spx?lang=en&mlfb=3RB20 <b>Qs,)</b>		









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