## SIEMENS

## Data sheet

## 3RT2325-1BW40



contactor AC-1, 35 A, 400 V / 40  $^\circ\text{C},$  4-pole, 48 V DC, auxiliary contacts: 1 NO + 1 NC, screw terminal

product brand name         SIRIUS           product designation         SRT23           General technical data         Size of contactor           size of contactor         S0           product strension         No           • function module for communication         No           • auxiliary switch         Yes           power loss [W] for rated value of the current         *           • at AC in hot operating state prole         7.6 W           • at AC in hot operating state prole         5.9 W           • without load current share typical         5.9 W           insulation voltage         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit with degree of pollution 3 rated value         680 V           • of main circuit rated value         6 kV           • of main circuit with degree of pollution 3 rated value         6 kV           • of main circuit rated value         6 kV           • of main circuit with degree of pollution 3 rated value         6 kV           • of the contactor with added auxiliary switch block typical         10 g / 5 ms, 7.5g / 10 ms           mechanical service life (operating cycles)         10 (00 000           • of the contactor with added auxiliary switch block typical         10 000 000	473 8/14		
product type designation         3RT23           Central technical dat	product brand name	SIRIUS	
General technical data     S0       size of contactor product extension     No       • function module for communication     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     7.6 W       • at AC in hot operating state     7.6 W       • at AC in hot operating state     7.6 W       • at AC in hot operating state     7.6 W       • of man circuit with degree of pollution 3 rated value     690 V       • of man circuit with degree of pollution 3 rated value     690 V       • of man circuit rated value     64V       • of man circuit rated value     64V       • of auxiliary circuit rated value     64V       • at DC     10g / 5 ms, 7,5g / 10 ms       shock resistance with sine pulse     15g / 5 ms, 10g / 10 ms       • at DC     10g / 5 ms, 10g / 10 ms       mechanical service life (operating cycles)     10 000 000       • of contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10	•		
size of contactor     S0       product extension     No       • function module for communication     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     *       • at AC in hot operating state     7.6 W       • at AC in hot operating state     7.6 W       • at AC in hot operating state     7.6 W       • of main circuit with degree of pollution 3 rated value     690 V       • of main circuit rated value     690 V       • of main circuit rated value     690 V       • of main circuit rated value     64 V       • of auxiliary circuit rated value     6 kV       • of auxiliary circuit rated value     6 kV       • of auxiliary circuit rated value     6 kV       • at DC     10g / 5 ms, 7,5g / 10 ms       mechanical service life (operating cycles)     10 000 000       • of contactor typical     10 000 000       • of on anticor with added auxiliary switch block typical     10 000 000       • of ondiator typical     10 000 000       • of unig operation     25 +60 °C       • during operation     -25 +60 °C       • during operation     10 %       • during operation     25 +60 °C       • during operation     95 %       Main circuit     4       number of poles for mai	product type designation	3RT23	
product extension         No           • function module for communication         No           • audilary switch         Yes           power loss [M] for rated value of the current         -           • it AC in hot operating state         7.6 W           • of AC in hot operating state prole         1.9 W           • of AC in hot operating state prole         5.9 W           • without load current share typical         5.9 W           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit with degree of pollution 3 rated value         690 V           • of main circuit with degree of pollution 3 rated value         64V           • of auxiliary and control circuit with degree of pollution 3 rated value         64V           • of auxiliary circuit rated value         64V           • of auxiliary circuit rated value         64V           • of auxiliary circuit rated value         10g / 5 ms, 7.5g / 10 ms           shock resistance with sine pulse         -           • at DC         10g / 5 ms, 10g / 10 ms           mechanical service life (operating cycles)         10 000 000           • of contactor typical         10 000 000           • of the contactor with added auxiliary switch block         10 000 000           • of the contactor with added auxiliary switc	General technical data		
• function module for communication       No         • auxiliary switch       Yes         power loss [W] for rated value of the current       -         • at AC in hot operating state per pole       1.9 W         • without load current share typical       5.9 W         insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit rated value       690 V         • of main circuit rated value       680 V         • of main circuit rated value       6 kV         • of auxiliary outcuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       10g / 5 ms, 7,5g / 10 ms         • at DC       10g / 5 ms, 10g / 10 ms         mechanical service IIfe (operating cycles)       10 000 000         • of contactor lypical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • functionstitude at height above sea level maximum ambient temperature       2 000 m         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity at 55 °C according to IEC 60068-2-30       95 %	size of contactor	SO	
• auxiliary switch     Yes       power loss [W] for rated value of the current	product extension		
power loss [W] for rated value of the current	<ul> <li>function module for communication</li> </ul>	No	
• at AC in hot operating state per pole       7.6 W         • at AC in hot operating state per pole       1.9 W         • without load current share typical       5.9 W         insulation voltage       600 V         • of main circuit with degree of pollution 3 rated value       600 V         • of main circuit rated value       600 V         surge voltage resistance       690 V         • of axiliary circuit rated value       6 kV         shock resistance at rectangular impulse       6 kV         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       10 000 000         • of contactor typical       10 000 000         • of contactor with added auxiliary switch block typical       1000000         • of contactor with added auxiliary switch block typical       2000 m         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient temperature       -25 +60 °C         • during operation       -25 +80 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         95 %       95 %         maximum       95 %	<ul> <li>auxiliary switch</li> </ul>	Yes	
• at AC in hot operating state per pole       1.9 W         • without load current share typical       5.9 W         insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of the auxiliary and control circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       690 V         • of main circuit rated value       6 kV         shock resistance at rectangular impulse       6 kV         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       6         • at DC       10g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       10 000 000         • of the contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor typical       000 m         ambient temperature       -25 +60 °C         • during sporation       -25 +80 °C         • during storage       -55 +80 °C         relative humidity at 55 °C according to IEC 60068-2-30       95 %         maximum       4	power loss [W] for rated value of the current		
• without load current share typical       5.9 W         insulation voltage       600 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit rated value       690 V         • of main circuit rated value       6 kV         • of main circuit rated value       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • at DC       10g / 5 ms, 7,5g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the momentation altitude at height above sea level maximum ambient temperature       2 000 m         • during operation       -25 +60 °C         • during storage       -55 %         relative humidity minimum       10 %         maximum       10 %         Main circuit       4         number of poles for main current circuit       4         number of NO contacts for main contacts       4	<ul> <li>at AC in hot operating state</li> </ul>	7.6 W	
insulation voltage       60 min circuit with degree of pollution 3 rated value       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of main circuit rated value       690 V         surge voltage resistance       690 V         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • at DC       10g / 5 ms, 7,5g / 10 ms         • at DC       10g / 5 ms, 10g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10/01/2009         Ambient conditions       2 000 m         installation altitude at height above sea level maximum ambient temperature       -25 +60 °C         • during storage       -25 +80 °C         relative humidity at 5	<ul> <li>at AC in hot operating state per pole</li> </ul>	1.9 W	
• of main circuit with degree of pollution 3 rated value       690 V         • of the auxiliary and control circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       690 V         • of main circuit rated value       6 kV         • of anix circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       15g / 5 ms, 10g / 10 ms         • at DC       100 000 000         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with adve a be sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minum       95 %	<ul> <li>without load current share typical</li> </ul>	5.9 W	
• of the auxiliary and control circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         shock resistance at rectangular impulse       6 kV         • at DC       10g / 5 ms, 7,5g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor bibitance (Date)       100 //2009         Ambient conditions       2 000 m         installation altitude at height above sea level maximum above sea level maximum relative humidity minimum       2 000 m         ambient temperature       -25 +60 °C         • during storage       -55 +80 °C         maximum       95 %         Main circuit       4         number of NO contacts for main contacts       4         operational current       4	insulation voltage		
pollution 3 rated value       6         surge voltage resistance       6 kV         of main circuit rated value       6 kV         shock resistance at rectangular impulse       6 kV         at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       15g / 5 ms, 10g / 10 ms         e at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       000 000         of contactor typical       10 000 000         of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         oturing storage       -55 +80 °C         relative humidity at 55 °C according to IEC 60068-2-30       95 %         maximum       10 %         Main circuit       4         number of NO contacts for main contacts       4         operational current       4	<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V	
• of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         shock resistance at rectangular impulse       6 kV         • at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       15g / 5 ms, 10g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       000 000         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       4         number of poles for main current circuit       4         number of NO contacts for main contacts       4         operational current       4		690 V	
• of auxiliary circuit rated value6 kVshock resistance at rectangular impulse • at DC10g / 5 ms, 7,5g / 10 ms• at DC10g / 5 ms, 7,5g / 10 ms• at DC15g / 5 ms, 10g / 10 ms• at DC1000 000• of contactor typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block 	surge voltage resistance		
shock resistance at rectangular impulse       10g / 5 ms, 7,5g / 10 ms         • at DC       10g / 5 ms, 7,5g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         • at DC       1000000         • of contactor typical       1000000         • of the contactor with added auxiliary switch block typical       1000000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       1001/2009         Ambient conditions       2000 m         installation altitude at height above sea level maximum athing operation       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         maximum       2000 m	<ul> <li>of main circuit rated value</li> </ul>	6 kV	
• at DC10g / 5 ms, 7,5g / 10 msshock resistance with sine pulse • at DC15g / 5 ms, 10g / 10 ms• at DC15g / 5 ms, 10g / 10 msmechanical service life (operating cycles) • of contactor typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000reference code according to IEC 81346-2 Substance Prohibitance (Date)QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 minstallation altitude at height above sea level maximum a during storage2 000 m• during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum2 000 mMain circuit4number of poles for main current circuit number of NO contacts for main contacts operational current4	<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV	
shock resistance with sine pulse       15g / 5 ms, 10g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (operating cycles)       10 000 000         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       2 000 m         installation altitude at height above sea level maximum abient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       4         number of poles for main current circuit number of NO contacts for main contacts       4         operational current       4	shock resistance at rectangular impulse		
• at DC15g / 5 ms, 10g / 10 msmechanical service life (operating cycles)0• of contactor typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 mambient temperature2 000 m• during operation-25 +60 °C• during storage-55 +80 °Crelative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum95 %Main circuit4number of poles for main current circuit number of NO contacts for main contacts operational current4	• at DC	10g / 5 ms, 7,5g / 10 ms	
mechanical service life (operating cycles)       10 000 000         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       2 000 m         installation altitude at height above sea level maximum ambient temperature       2 000 m         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       95 %         Main circuit       4         number of poles for main current circuit number of NO contacts for main contacts operational current       4	shock resistance with sine pulse		
<ul> <li>of contactor typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>reference code according to IEC 81346-2</li> <li>Substance Prohibitance (Date)</li> <li>10/01/2009</li> <li>Ambient conditions</li> <li>2 000 m</li> <li>ambient temperature         <ul> <li>during operation</li> <li>-25 +60 °C</li> <li>during storage</li> <li>-55 +80 °C</li> </ul> </li> <li>relative humidity minimum         <ul> <li>relative humidity at 55 °C according to IEC 60068-2-30 maximum</li> </ul> </li> <li>Main circuit</li> <li>number of poles for main current circuit         <ul> <li>number of NO contacts for main contacts</li> <li>operational current</li> </ul> </li> </ul>	• at DC	15g / 5 ms, 10g / 10 ms	
<ul> <li>of the contact, with added auxiliary switch block typical</li> <li>reference code according to IEC 81346-2</li> <li>Substance Prohibitance (Date)</li> <li>10/01/2009</li> <li>Ambient conditions</li> <li>2 000 m</li> <li>ambient temperature         <ul> <li>during operation</li> <li>-25 +60 °C</li> <li>during storage</li> <li>-55 +80 °C</li> </ul> </li> <li>relative humidity minimum         <ul> <li>10 %</li> <li>95 %</li> <li>maximum</li> </ul> </li> <li>Main circuit</li> <li>number of poles for main current circuit             number of NO contacts for main contacts             operational current</li> </ul>	mechanical service life (operating cycles)		
typicalreference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 minstallation altitude at height above sea level maximum ambient temperature • during operation • during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum2 000 mMain circuit4number of poles for main current circuit number of NO contacts for main contacts operational current4	<ul> <li>of contactor typical</li> </ul>	10 000 000	
Substance Prohibitance (Date)10/01/2009Ambient conditions2installation altitude at height above sea level maximum ambient temperature • during operation • during storage relative humidity minimum relative humidity at 55 °C according to IEC 60068-2-30 maximum2000 mMain circuit4Number of poles for main current circuit number of NO contacts for main contacts operational current4		10 000 000	
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       -55 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       4         number of poles for main current circuit       4         number of NO contacts for main contacts       4         operational current       4	reference code according to IEC 81346-2	Q	
installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       4         number of poles for main current circuit       4         number of NO contacts for main contacts       4         operational current       4	Substance Prohibitance (Date)	10/01/2009	
ambient temperature• during operation• during storage-25 +60 °C• during storage-55 +80 °Crelative humidity minimum10 %relative humidity at 55 °C according to IEC 60068-2-30 maximum95 %Main circuitnumber of poles for main current circuit4number of NO contacts for main contacts operational current4	Ambient conditions		
• during operation-25 +60 °C• during storage-55 +80 °Crelative humidity minimum10 %relative humidity at 55 °C according to IEC 60068-2-30 maximum95 %Main circuit4number of poles for main current circuit number of NO contacts for main contacts operational current4	installation altitude at height above sea level maximum	2 000 m	
<ul> <li>during storage</li> <li>-55 +80 °C</li> <li>relative humidity minimum</li> <li>10 %</li> <li>relative humidity at 55 °C according to IEC 60068-2-30</li> <li>95 %</li> </ul> Main circuit           Main circuit         4           number of poles for main current circuit         4           number of NO contacts for main contacts         4           operational current         4	ambient temperature		
relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit	<ul> <li>during operation</li> </ul>	-25 +60 °C	
relative humidity at 55 °C according to IEC 60068-2-30 95 %          Main circuit       95 %         number of poles for main current circuit       4         number of NO contacts for main contacts       4         operational current       4	<ul> <li>during storage</li> </ul>	-55 +80 °C	
maximum       Main circuit       number of poles for main current circuit     4       number of NO contacts for main contacts     4       operational current     4	relative humidity minimum	10 %	
Main circuit       number of poles for main current circuit     4       number of NO contacts for main contacts     4       operational current     4		95 %	
number of poles for main current circuit     4       number of NO contacts for main contacts     4       operational current     4			
number of NO contacts for main contacts     4       operational current     4		1	
operational current	•		
•		<b>*</b>	
	•	35 A	

rated value			
• at AC-1			
— up to 690 V at ambient temperature 40 °C rated value	35 A		
— up to 690 V at ambient temperature 60 °C	30 A		
rated value	50 A		
• at AC-3			
— at 400 V rated value	15.5 A		
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	15.5 A		
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm²		
operating power			
<ul> <li>at AC-3 at 400 V rated value</li> </ul>	7.5 kW		
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	7.5 kW		
short-time withstand current in cold operating state up to 40 °C			
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value		
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value		
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value		
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value		
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	Use minimum cross-section acc. to AC-1 rated value		
no-load switching frequency			
• at DC	1 500 1/h		
operating frequency at AC-1 maximum	1 000 1/h		
Control circuit/ Control			
type of voltage	DC		
type of voltage of the control supply voltage	DC		
control supply voltage at DC			
<ul> <li>rated value</li> </ul>	48 V		
operating range factor control supply voltage rated value of magnet coil at DC			
initial value	0.8		
• full-scale value	1.1		
closing power of magnet coil at DC	5.9 W		
holding power of magnet coil at DC	5.9 W		
closing delay	50 470		
• at DC	50 170 ms		
opening delay	15 19 mg		
• at DC	15 18 ms 10 10 ms		
arcing time control version of the switch operating mechanism	Standard A1 - A2		
	Stanuaru AT - Az		
Auxiliary circuit	4		
number of NC contacts for auxiliary contacts	1		
attachable     instantaneous contact	2		
<ul> <li>instantaneous contact number of NO contacts for auxiliary contacts</li> </ul>	1		
attachable	2		
instantaneous contact	1		
operational current at AC-12 maximum	10 A		
operational current at AC-15			
at 230 V rated value	10 A		
• at 400 V rated value	3 A		
• at 500 V rated value	2 A		
• at 690 V rated value	1 A		
operational current at DC-12			
• at 24 V rated value	10 A		
• at 48 V rated value	6 A		
• at 60 V rated value	6 A		
• at 110 V rated value	3 A		
• at 125 V rated value	2 A		
• at 220 V rated value	1 A		
• at 600 V rated value	0.15 A		
operational current at DC-13			
• at 24 V rated value	10 A		

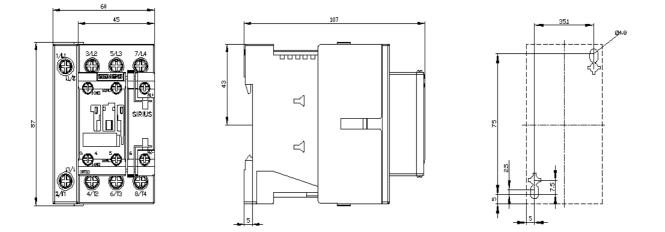
<ul> <li>A A A A A A A A A A A A A A A A A A A</li></ul>	a at 48 V rated value	2 ^			
<ul> <li>ai 125 V rated value</li> <li>ai 260 V rated value</li> <li>0.1 A</li> <li>96: 10 A (230 V, 400 A)</li> <li>96: 10 A (200 V, 100 MA)</li> <li>96: 10 A (600 V, 100 MA)</li> <li>97: 10 Mino Housing autoca:</li> <li>97: 10 Mino Housing a</li></ul>	at 48 V rated value	2 A 1 A			
<ul> <li>af 800 V rated value</li> <li>0.3 Å</li> <li>af 800 V rated value</li> <li>0.3 Å</li> <li>design of the ministure circuit presence for short-circuit protection of the axultary solution required</li> <li>faulty switching per 100 million (17 V, 1 mA)</li> <li>U/CSA ratings</li> <li>Contact rating of auxiliary contacts according to UL</li> <li>A600 / 0800</li> <li>Short-circuit protection</li> <li>or short-circuit protection of the main circuit</li> <li>or short-circuit protection of the main circuit</li> <li>or short-circuit protection of the axultary switch required</li> <li>of short-circuit protection of the axultary switch required</li> <li>side-by-side mounting</li> <li>vith glob or sagned and snap-on mounting ourface: can be blied forward and backward by +/. 22.5" on vertical mounting surface and snap-on mounting on 35 mm DIN rail according to DIN EN 60715</li> <li>side-by-side mounting</li> <li>vith side-by-side mounting</li> <li>or short circuit protection</li> <li>or mounting outpace</li> <li>or mounting outpace&lt;</li></ul>					
• at 600 V rated value     0.1 A       gesign of the mainture circuit threaker for short-circuit     gG: 10 A (230 V, 400 A)       contact relativity of auxiliary contacts     1 faulty switching per 100 million (17 V, 1 mA)       ULCSA ratings     A 600 / 0800       Sont-Circuit protection     A 600 / 0800       Sont-Circuit protection     A 600 / 0800       For short-circuit protection of the main circuit					
design of the ministure circuit breaker for short-circuit protection of the axultary solution required         9G: 10 A (230 V, 400 A)           UICSA ratings         1 faulty switching per 100 million (17 V, 1 mA)           UICSA ratings         A000 / 0800           Sinor-Circuit protection         No           design of the fuse link         • or short-circuit protection of the main circuit           - with type of assignment 2 required         9G: 83 A (800 V, 100 kA)           • for short-circuit protection of the axultary switch required         9G: 82 A (800 V, 100 kA)           • for short-circuit protection of the axultary switch required         9G: 82 A (800 V, 100 kA)           • for short-circuit protection of the axultary switch required         9G: 82 A (800 V, 100 kA)           • for short-circuit protection of the axultary switch required         9G: 82 A (800 V, 100 kA)           • for short-circuit protection of the axultary switch required         9G: 82 A (800 V, 100 kA)           • for short-circuit protection of the axultary switch required         9G: 80 A (800 V, 100 kA)           • side-by-side mounting         +1-180° rotation possible on vertical mounting surface; can be tilted forward and backward by V <sup>+</sup> 22 S <sup>+</sup> on vertical mounting surface           • side-by-side mounting         Yes           • side-by-side mounting         0 mm           • or produce parts         10 mm           • or produce parts					
protection of the auxilary solution required contact reliability of auxiliary contacts contact reliability of auxiliary contacts according to UL A 600 / 0600 StoreCircuit protection product function short circuit protection design of the fuse link • for short-circuit protection of the main circuit - with type of coordination trequired 9G: 63 A (690 V, 100 kA) 9G: 60 A (6					
contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         VUCSA ratings       A800 / Q800         Short-focult protection       No         design of the fuse link       No         - for short-focult protection of the main circuit       -         - with type of coordination 1 required       gG: 63 A (680 V, 100 kA)         - with type of coordination 1 required       gG: 63 A (680 V, 100 kA)         - for short-focult protection of the auxiliary switch required       gG: 10 A (680 V, 100 kA)         - for short-focult protection of the auxiliary switch required       gG: 10 A (680 V, 100 kA)         - side-by-side mounting dimensions       +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface;         fastening method       85 mm         - side-by-side mounting       Yes         - side-by-side mounting       Yes         - forwards       10 mm         - forwards       10 mm         - downwards       10 mm         - do		90. 10 A (200 V, 400 A)			
contact rating of auxiliary contacts according to UL         A600 / G800           Short-circuit protection         No           design of the fuse link         Instance           - or short-circuit protection of the main circuit         - with type of coordination 1 required         9G: 63 A (690 V, 100 KA)           - with type of coordination 1 required         - gG: 63 A (690 V, 100 KA)         - gG: 63 A (690 V, 100 KA)           - with type of coordination 1 required         - gG: 63 A (690 V, 100 KA)         - gG: 63 A (690 V, 100 KA)           - with type of coordination 1 required         - gG: 63 A (690 V, 100 KA)         - gG: 63 A (690 V, 100 KA)           - with type of coordination 1 required         - gG: 63 A (690 V, 100 KA)         - gG: 63 A (690 V, 100 KA)           required         - gG: 63 A (690 V, 100 KA)         - gG: 63 A (690 V, 100 KA)           required         - gG: 63 A (690 V, 100 KA)         - gG: 63 A (690 V, 100 KA)           required         - gG: 63 A (690 V, 100 KA)         - gG: 63 A (690 V, 100 KA)           required         - gG: 63 A (690 V, 100 KA)         - gG: 63 A (690 V, 100 KA)           required         - gG: 63 A (690 V, 100 KA)         - gG: 63 A (690 V, 100 KA)           required         - gG: 63 A (690 V, 100 KA)         - gG: 63 A (690 V, 100 KA)           required         - gG: 63 A (690 V, 100 KA)         - gG: 63 A (690 V, 100 KA)		1 faulty switching per 100 million (17 V, 1 mA)			
contact rating of auxiliary contacts according to UL         A600 / G800           Short-circuit protection         No           design of the fuse link         • for short-circuit protection           • for short-circuit protection of the main circuit         • g5: 83.4 (690 V, 100 KA)           • with type of coordination 1 required         g5: 83.4 (690 V, 100 KA)           • for short-circuit protection of the auxiliary switch         g5: 83.4 (690 V, 100 KA)           required         • for short-circuit protection of the auxiliary switch           required         g5: 10.4 (690 V, 16A)           required         • for short-circuit protection of the auxiliary switch           required         • for short-circuit protection of the auxiliary switch           required         • for short-circuit protection of the auxiliary switch           required         • for short-circuit protection of the auxiliary switch           required         • for switch           • side-by-side mounting         +i-180° rotation possible on vertical mounting surface; can be tilted           for switch         60 mm           • of while shy-side mounting         *i-180° rotation possible on vertical mounting surface;           in while shy-side mounting         *i-180° rotation possible on vertical mounting surface;           in while shy-side mounting         *iomain         *iomain	UL/CSA ratings				
product function short circuit protection design of the fuse link     No       • for short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 required - with type of assignment 2 required - for short-circuit protection of the auxiliary switch required     gG: 63 A (690 V, 100 kA) gG: 20 A (690 V, 100 kA) gG: 10 A (690 V, 100 kA) gG:		A600 / Q600			
product function short circuit protection design of the fuse link     No       • for short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 required - with type of assignment 2 required - for short-circuit protection of the auxiliary switch required     gG: 63 A (690 V, 100 kA) gG: 20 A (690 V, 100 kA) gG: 10 A (690 V, 100 kA) gG:	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>gG: 63 A (690 V, 100 KA)</li> <li>gG: 20 A (690</li></ul>		No			
for short-droup protection of the main circuit         with type of occordination 1 required         with type of osciprime 12 required         with type of osciprime 12 required         with type of osciprime 12 required	• •				
- with type of assignment 2 required - with type of assignment 2 required 9G: 83 A (890 V, 100 kA) 9G: 80 A (890 V, 100 kA) 9G: 10 A (690 V, 1 kA) required required required required required required mounting surface: can be tilled forward and backward by +2.22 s' on vertical mounting surface: required spacing - with side-by-side mounting +/-180° relation possible on vertical mounting surface: can be tilled forward and backward by +2.22 s' on vertical mounting surface required spacing - with side-by-side mounting - side-by-side mounting - side-by-side mounting - with side - w					
- with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Installator/ mounting / dimensions */180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/. 22.5° on vertical mounting surface screw and snap-on mounting on 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting */180° rotation possible on vertical mounting surface screw and snap-on mounting ont 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting */180° rotation possible on vertical mounting surface screw and snap-on mounting ont 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting */180° rotation possible on vertical mounting surface screw and snap-on mounting ont 35 mm DIN rail according to DIN EN 60715 • side oby-side mounting */180° rotation possible on vertical mounting surface screw and snap-on mounting ont 35 mm DIN rail according to DIN EN 60716 */180° rotation mounting */180° rotation */180° rotatio		gG: 63 A (690 V, 100 kA)			
for short-circuit protection of the auxiliary switch required     gG: 10 A (690 V, 1 kA)     required     mounting position     fastening method     fa					
Installation/mounting/dimensions         +/180" rotation possible on vertical mounting surface; can be tilled forward and backward by +/. 22.5" on vertical mounting surface; can be tilled forward and backward by +/. 22.5" on vertical mounting surface; can be tilled forward and backward by +/. 22.5" on vertical mounting surface; can be tilled forward and backward by +/. 22.5" on vertical mounting surface; can be tilled forward and backward by +/. 22.5" on vertical mounting surface; can be tilled forward and backward by +/. 22.5" on vertical mounting surface; can be tilled forward and backward by +/. 22.5" on vertical mounting surface; can be tilled forward and backward by +/. 22.5" on vertical mounting surface; can be tilled forward and backward by +/. 22.5" on vertical mounting surface; can be tilled forward and backward by +/. 22.5" on vertical mounting surface; can be tilled forward backward by +/. 22.5" on wards for main - downwards for main - downwards for main - downwards for main - downwards for main current circuit for auxiliary and control circuit e solid for auxiliary and control circuit e solid e solid or stranded e solid or stranded for ward burd burd core end processing connectable conductor cross-section for main contacts e solid e solid or stranded forward e finely stranded with core end processing finely stranded with cor		gG: 10 A (690 V, 1 kA)			
mounting position         +/-180° rotation possible on vertical mounting surface; can be tilled forward and backward by +/-22.5° on vertical mounting surface; carew and sange-on mounting onto 35 mm DIN rail according to DIN EN 60715           eside-by-side mounting         Yes           height width         85 mm           depth         107 mm           required spacing         10 mm           - upwards         10 mm           - downwards         6 mm	required				
fastening method       forward and backward by 4/.22.5" on vertical mounting surface         e side-by-side mounting       Serew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         e side-by-side mounting       Yes         beight       60715         with side-by-side mounting       Yes         e with side-by-side mounting       00 mm         - convards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       0 mm         - at the side       0 mm         - upwards       10 mm         - upwards       10 mm         - at the side       0 mm         - upwards       10 mm         - downwards       10 mm         - for unin current circuit       screw-type terminals         of magnet coil<	Installation/ mounting/ dimensions				
fastening method         screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715           • side-by-side mounting         Yes           height         85 mm           width         60 mm           depth         107 mm           required spacing         -           • with side-by-side mounting         -           - forwards         10 mm           - upwards         10 mm           - upwards         10 mm           - downwards         10 mm           - at the side         0 mm           - forwards         10 mm           - at the side         6 mm           - forwards         10 mm           - at the side         6 mm           - downwards         10 mm           - downwards         Screw-type terminals           for auxiliary and control circuit         screw-type terminals	mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted			
60715     60715       height     Yes       height     85 mm       with     60 mm       depth     60 mm       required spacing     10 mm       • with side-by-side mounting     10 mm       - forwards     10 mm       - upwards     10 mm       - downwards     10 mm       - downwards     10 mm       - downwards     10 mm       - forwards     10 mm       - the side     6 mm       - forwards     10 mm       - downwards     10 mm       - forwards     10 mm       - forwards     10 mm       - forwards     10 mm       - downwards     10 mm       - forlike parts     10 mm       - forwards     10 mm       - downwards     10 mm       - forwards     10 mm       - downwards     10 mm       - downwards     10 mm	factoring method				
• side-by-side mounting       Yes         height       85 mm         width       60 mm         depth       107 mm         required spacing       107 mm         • with side-by-side mounting       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       0 mm         - at the side       0 mm         - upwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         - downwards       Screw-type terminals         screw-type terminals       screw-type terminals         if or auxiliary and	rastening method	, , , , , , , , , , , , , , , , , , , ,			
height     85 mm       width     60 mm       depth     107 mm       required spacing     10 mm       - forwards     10 mm       - upwards     10 mm       - domwards     10 mm       - domwards     10 mm       - domwards     10 mm       - domwards     10 mm       - downwards     10 mm       - downwards     10 mm       - downwards     10 mm       - forwards     10 mm       - downwards     10 mm       - forwards     10 mm       - downwards     10 mm	• side-by-side mounting				
with         60 mm           depth         107 mm           required spacing         •           • with side-by-side mounting         •           - forwards         10 mm           - upwards         10 mm           - downwards         0 mm           - downwards         0 mm           - at the side         0 mm           - at the side         0 mm           - forwards         10 mm           - upwards         10 mm           - at the side         0 mm           - forwards         10 mm           - downwards         10 mm           - forwards         10 mm           - forwards         10 mm           - forwards         50 mm           - outparts         50 mm           - oonections/ Terminals         Screw-type terminals           of ra auxiliary					
depth107 mmrequired spacingI• with side-by-side mountingI• forwards10 mm- upwards10 mm- upwards0 mm- downwards0 mm- downwards0 mm- downwards0 mm- downwards10 mm- forwards10 mm- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- forwards10 mm- downwards10 mm- downwards10 mm- forwards10 mm- forwards10 mm- downwards10 mm- stre side6 mmConnections/ Terminalstype of electrical connection• for auxiliary and control circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• for auxiliary contactsScrew-type terminals• for auxiliary and control circuitscrew-type termina	-				
required spacingwith side-by-side mounting- forwards10 mm- upwards10 mm- downwards10 mm- downwards0 mm- downwards0 mm- for ards10 mm- forwards10 mm- upwards10 mm- upwards10 mm- upwards10 mm- upwards10 mm- upwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- forwards10 mm- downwards10 mm- forwards10 mm- formards10 mm- formards10 mm- solidscrew-type terminals• for auxiliary and control circuitscrew-type terminals• of magnet coilScrew-type terminals• of angent coilScrew-type terminals• of angent coilScrew-type terminals• solid or stranded $2x (1 25 mm^2), 2x (25 10 mm^2)• solid or stranded2x (1 25 mm^2), 2x (25 10 mm^2)• solid or stranded1 10 mm^2• solid or stranded1 10 mm^2• solid or stranded1 10 mm^2• solid or stranded$					
• with side-by-side mounting       0 mm         - forwards       10 mm         - upwards       10 mm         - downwards       0 mm         - at the side       0 mm         • for grounded parts       0 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       10 mm         Vpe of electrical connection       screw-type terminals         • for main current circuit       screw-type terminals         • of or auxiliary and control circuit       screw-type terminals         • of magnet coil       Screw-type terminals         • of indety of rauxiliary contacts       Screw-type terminals         • of indet or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded <td< td=""><td>-</td><td></td></td<>	-				
forwards10 mm upwards0 mm downwards0 mm at the side0 mm for grounded parts0 mm forwards10 mm forwards10 mm upwards10 mm at the side6 mm at the side6 mm downwards10 mm downwards10 mm forwards10 mm forwards10 mm forwards10 mm forwards10 mm forwards10 mm downwards10 mm forwards10 mm forwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards5 crew-type terminals of reuxiliary contacts5 crew-type terminals of reuxiliary and control circuitscrew-type terminals of reuxiliary and control circuit5 crew-type terminals of reuxiliary contacts5 crew-type terminals of reuxiliary contacts2 x (1 2.5 mm²), 2x (2.5 10 mm²) solid1 10 mm² solid or stranded1 10 mm² solid or					
- upwards     10 mm       - downwards     10 mm       - at the side     0 mm       - for grounded parts     0 mm       - forwards     10 mm       - upwards     10 mm       - upwards     10 mm       - downwards     10 mm       - at the side     6 mm       - for auxiliary and control circuit     screw-type terminals       solid or stranded     2x (1 2.5 mm²), 2x (2.5 10 mm²)       • solid or stranded     1 10 mm²       • solid or stranded     1 10 mm²		10 mm			
- downwards       10 mm         - a the side       0 mm         • for grounded parts       0 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       6 mm         • for auxiliary and control circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • of magnet coll       Screw-type terminals         • of or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid       1 10 mm²         • solid or stranded       1 10 mm²         • solid or stranded       1 10 mm²         • solid or stranded       1 10 mm²     <					
• for grounded parts       0 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         • for live parts       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/Terminals       6 mm         for auxiliary and control circuit       screw-type terminals         is for auxiliary and control circuit       screw-type terminals         is a contactor for auxiliary contacts       Screw-type terminals         is odid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         is solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         is solid or stranded       1 10 mm² <td>•</td> <td>10 mm</td>	•	10 mm			
<ul> <li>forwards</li> <li>forwards</li> <li>forwards</li> <li>for upwards</li> <li>for live parts</li> <li>for live parts</li> <li>for wards</li> <li>for live parts</li> <li>forwards</li> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> <li>for magnet coil</li> <li>for magnet coil</li> <li>screw-type terminals</li> <li>for magnet coil</li> <li>screw-type terminals</li> <li>for any contracts</li> <li>for any contracts</li> <li>for any contracts</li> <li>for any control circuit</li> <li>screw-type terminals</li> <li>for any contracts</li> <li>for any control circuit</li> <li>screw-type terminals</li> <li>for any contracts</li> <li>for any contracts</li> <li>finely stranded with core end processing</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>solid or stranded</li> <li>solid or</li></ul>	— at the side	0 mm			
upwards10 mmat the side6 mmdownwards10 mmdownwards10 mm	<ul> <li>for grounded parts</li> </ul>				
- at the side       6 mm         - downwards       10 mm         • for live parts       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals         - at the side       6 mm         Connections/ Terminals         • for auxiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         • solid       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded       1 10 mm²         • solid or stranded with core end processing       1 10 mm²         • solid or stranded with core end processing       1 10	— forwards	10 mm			
downwards10 mm• for live parts10 mm- forwards10 mm- upwards10 mm- upwards10 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminals• of connectable conductor cross-sections for main contactsScrew-type terminals• solid2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded1 10 mm²• stranded1 10 mm²• stranded with core end processing1 10 mm²• stranded with core end processing1 10 mm²• finely stranded with core end processing1 10 mm²• stranded with core end processing <td< td=""><td>— upwards</td><td>10 mm</td></td<>	— upwards	10 mm			
• for live partsI0 mm- forwards10 mm- upwards10 mm- upwards10 mm- downwards6 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminals• of connectable conductor cross-sections for main contactsScrew-type terminals• solid2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded1 10 mm²• solid or stranded1 10 mm²	— at the side	6 mm			
forwards10 mm upwards10 mm downwards10 mm downwards0 mm at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sections for main contacts2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid1 10 mm²• solid or stranded1 10 mm²	— downwards	10 mm			
upwards10 mm downwards10 mm at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sections for main contacts2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• solid1 10 mm²• solid or stranded1 10 mm²	<ul> <li>for live parts</li> </ul>				
downwards       10 mm         at the side       6 mm         Connections/ Terminals         type of electrical connection         • for main current circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections for main contacts       Screw-type terminals         • solid       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded       1 10 mm²         • stranded       1 10 mm²         • finely stranded with core end processing       1 10 mm²         • finely stranded with core end processing       1 10 mm²         • finely stranded with core end processing       1 10 mm²	— forwards	10 mm			
at the side       6 mm         Connections/ Terminals         type of electrical connection       screw-type terminals         • for main current circuit       screw-type terminals         • at contactor for auxiliary contacts       screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections for main contacts       Screw-type terminals         • solid       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid or stranded       1 10 mm²         • stranded       1 10 mm²         • finely stranded with core end processing       1 10 mm²         • finely stranded with core end processing       1 10 mm² <td>— upwards</td> <td>10 mm</td>	— upwards	10 mm			
Connections/ Terminals         type of electrical connection         • for main current circuit         • for auxiliary and control circuit         • at contactor for auxiliary contacts         • of magnet coil         type of connectable conductor cross-sections for main contacts         • solid         • solid or stranded         • solid         • solid         • solid         • solid or stranded         • stranded         • finely stranded with core end processing         • stranded         • finely stranded with core end processing         • stranded         • finely stranded with core end processing         • finely stranded with core en	— downwards	10 mm			
type of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sections for main contactsScrew-type terminals• solid2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)• finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²connectable conductor cross-section for main contacts1 10 mm²• solid or stranded1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²	— at the side	6 mm			
• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sections for main contactsScrew-type terminals• solid2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)• finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid1 10 mm²• solid or stranded1 10 mm²	Connections/ Terminals				
<ul> <li>for auxiliary and control circuit</li> <li>for auxiliary and control circuit</li> <li>at contactor for auxiliary contacts</li> <li>of magnet coil</li> <li>screw-type terminals</li> <li>Screw-type terminals</li></ul>	type of electrical connection				
• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sections for main contactsScrew-type terminals• solid2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)• finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• solid1 10 mm²• solid or stranded1 10 mm²	for main current circuit	screw-type terminals			
• of magnet coilScrew-type terminalstype of connectable conductor cross-sections for main contacts2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)• finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• connectable conductor cross-section for main contacts1 10 mm²• solid or stranded1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²	<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals			
type of connectable conductor cross-sections for main contacts2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)• finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²connectable conductor cross-section for main contacts1 10 mm²• solid1 10 mm²• solid or stranded1 10 mm²• solid or stranded1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing1 10 mm²	<ul> <li>at contactor for auxiliary contacts</li> </ul>	Screw-type terminals			
contacts• solid2x (1 2.5 mm²), 2x (2.5 10 mm²)• solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)• finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²connectable conductor cross-section for main contacts2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• solid1 10 mm²• solid or stranded1 10 mm²• solid or stranded1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing1 10 mm²	<ul> <li>of magnet coil</li> </ul>	Screw-type terminals			
<ul> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>connectable conductor cross-section for main contacts</li> <li>solid</li> <li>solid or stranded</li> <li>solid or stranded</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>the stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>the stranded</li> <li>the stranded</li> <li>the stranded</li> <li>the stranded</li> <li>the stranded with core end processing</li> <li>the stranded with core end processin</li></ul>	contacts				
<ul> <li>finely stranded with core end processing</li> <li>connectable conductor cross-section for main contacts</li> <li>solid</li> <li>solid or stranded</li> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>connectable conductor cross-section for auxiliary</li> </ul>	• solid				
connectable conductor cross-section for main contacts       1         • solid       1         • solid or stranded       1         • stranded       1         • finely stranded with core end processing       1         connectable conductor cross-section for auxiliary       1					
contacts		2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²			
• solid or stranded       1 10 mm²         • stranded       1 10 mm²         • finely stranded with core end processing       1 10 mm²         connectable conductor cross-section for auxiliary	contacts				
stranded 1 10 mm <sup>2</sup> finely stranded with core end processing 1 10 mm <sup>2</sup> connectable conductor cross-section for auxiliary					
• finely stranded with core end processing 1 10 mm <sup>2</sup> connectable conductor cross-section for auxiliary					
connectable conductor cross-section for auxiliary					
		1 10 mm²			
	contacts				
• solid or stranded 0.5 2.5 mm <sup>2</sup>					
• finely stranded with core end processing 0.5 2.5 mm <sup>2</sup>	<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm <sup>2</sup>			

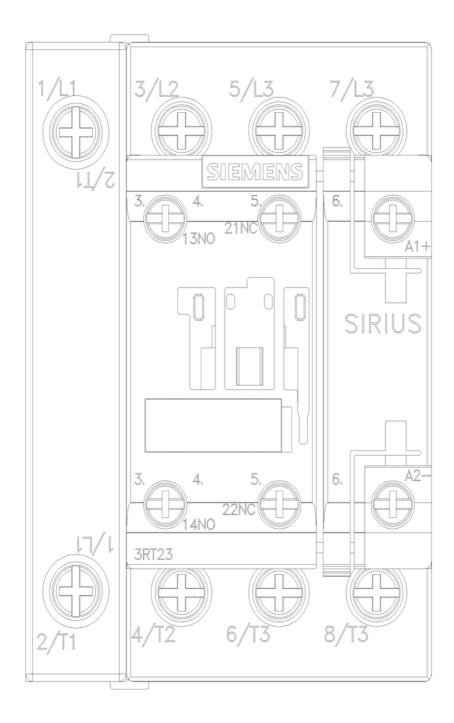
<ul> <li>for auxiliary con</li> <li>— solid</li> <li>— solid or strained</li> <li>— finely strained</li> <li>at AWG cables</li> </ul>		essing	2x (0 2x (0	0.5 1.5 mm²), 2x (0.75 0.5 1.5 mm²), 2x (0.75 0.5 1.5 mm²), 2x (0.75 0.5 1.5 mm²), 2x (0.75 20 16), 2x (18 14)	2.5 mm²)		
• for main contact			16				
for auxiliary con	ntacts		20	. 14			
Safety related data				_	_		
<ul> <li>product function</li> <li>mirror contact a</li> </ul>	according to IEC 60947-	4-1	Yes				
T1 value for proof tes	t interval or service life a		20 a				
IEC 61508 protection class IP 60529	on the front according	to IEC	IP20				
	the front according to	IEC 60529	finge	r-safe, for vertical conta	ct from the front		
Communication/ Prot							
product function bu			No				
Certificates/ approva	ls						
General Product A	oproval					EMC	
() E		<u>Confirmatic</u>	<u>on</u>		EHC	RCM	
Functional Safety/Safety of Machinery	Declaration of Conf	ormity		Test Certificates		Marine / Shipping	
<u>Type Examination</u> <u>Certificate</u>	UK CA	CE EG-Konf.		Special Test Certific- ate	Type Test Certific- ates/Test Report	ABS	
Marine / Shipping						other	
	<u>煮</u> 煮	Llovd's				Confirmation	
BUREAU VERITAS	DNV	us		RINA	RMRS		
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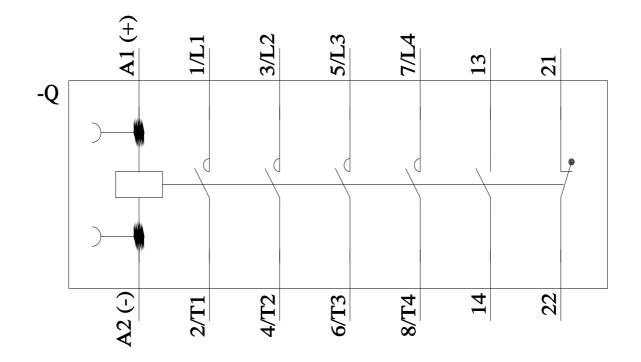
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