## SIEMENS

## Data sheet

## 3RT1076-6AB36



power contactor, AC-3 500 A, 250 kW / 400 V AC (50-60 Hz) / DC 23-26 V AC/DC auxiliary contacts 2 NO + 2 NC 3-pole, frame size S12 busbar connections drive: conventional screw terminal

product designation         Power contactor           product type designation         3RT1           size of contactor         S12           product extension         No           • function module for communication         No           • auxiliary switch         Yes           power loss [W] for rated value of the current         165 W           • at AC in hot operating state per pole         55 W           • of main circuit with degree of pollution 3 rated value         100 V           • of main circuit with degree of pollution 3 rated value         500 V           • of main circuit rated value         8 kV           • of main circuit with degree of pollution 3 rated value         6 kV           • of main circuit rated value         8 kV           • of auxiliary circuit rated value         8 kV           • of main circuit with degree of pollution 3 rated value         6 kV           • of auxiliary circuit rated value         8 kV           • of auxiliary circuit rated value         8 kV           • of auxiliary circuit rated value         8 kV           • at AC         8,5g / 5 ms, 4,2g / 10 ms           * at AC         13,4g / 5 ms, 6,5g / 10 ms           • at AC         13,4g / 5 ms, 6,5g / 10 ms           • at AC         10 000 000 <tr< th=""><th>product brand name</th><th>SIRIUS</th></tr<>	product brand name	SIRIUS
General technical data     S12       size of contactor     S12       product extension     • function module for communication     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     • at AC in hot operating state     165 W       • at AC in hot operating state per pole     55 W     10 W       • of main circuit with degree of pollution 3 rated value     1 000 V     500 V       • of main circuit with degree of pollution 3 rated value     1 000 V     500 V       • of main circuit with degree of pollution 3 rated value     6 kV     680 V       surge voltage resistance     • of main circuit rated value     8 kV       • of auxiliary circuit rated value     6 kV     680 V       maximum permissible voltage for safe isolation between coll and main contacts according to EN 60947-1     680 V       • at AC     8,5g / 5 ms, 4,2g / 10 ms       • at AC     8,5g / 5 ms, 4,2g / 10 ms       • at AC     13,4g / 5 ms, 6,5g / 10 ms       • at AC     13,4g / 5 ms, 6,5g / 10 ms       • at DC     10,000 000       • of the contactor with added electronically optimized auxiliary switch block typical     10 000 000       • of the contactor with added electronically optimized auxiliary switch block typical     10 000 000       • of the contactor with added electronically optimized auxiliary switch block typical     000 000 <td>product designation</td> <td>Power contactor</td>	product designation	Power contactor
size of contactor     S12       product extension     No       • druction module for communication     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     165 W       • at AC in hot operating state per pole     55 W       • without load current share typical     10 W       Insulator voltage     1 00 V       • of main circuit with degree of pollution 3 rated value     1 000 V       • of main circuit with degree of pollution 3 rated value     1 000 V       • of main circuit with degree of pollution 3 rated value     6 KV       • of main cortated value     6 KV       • of auxiliary circuit rated value     6 KV       • of auxiliary circuit rated value     6 KV       • at AC     8.5g / 5 ms, 4.2g / 10 ms       • at AC     13.4g / 5 ms, 6.5g / 10 ms       • at DC     13.4g / 5 ms, 6.5g / 10 ms       • at DC     13.4g / 5 ms, 6.5g / 10 ms       • at DC     10.000 000       • of the contactor with added electronically optimized 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 swit	product type designation	3RT1
product extension     No       • function module for communication     Yes       • auxiliary switch     Yes       power loss [W] for rated value of the current     155 W       • at AC in hot operating state per pole     55 W       • without load current share typical     10 W       Insulation voltage     100 V       • of main circuit with degree of pollution 3 rated value     1000 V       • of auxiliary circuit with degree of pollution 3 rated value     500 V       • of auxiliary circuit rated value     8 kV       • of auxiliary circuit rated value     6 kV       of main circuit rated value     8 kV       • of auxiliary circuit rated value     6 kV       e at AC     8.5g / 5 ms, 4.2g / 10 ms       shock resistance at rectangular impulse     8.5g / 5 ms, 4.2g / 10 ms       • at AC     8.5g / 5 ms, 4.2g / 10 ms       • at AC     13.4g / 5 ms, 6.5g / 10 ms       • at AC     13.4g / 5 ms, 6.5g / 10 ms       • at AC     10 000 000       • of the contactor with added electronically optimized auxiliary switch block typical     10 000 000       • of the contactor with added electronically optimized 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	General technical data	
• function module for communication       No         • auxiliary switch       Yes         power loss [W] for rated value of the current       165 W         • at AC in hot operating state       165 W         • at AC in hot operating state per pole       55 W         • without load current share typical       10 W         insulation voltage       100 V         • of main circuit with degree of pollution 3 rated value       100 V         • of main circuit with degree of pollution 3 rated value       500 V         • of main circuit rated value       8 kV         • of auxiliary circuit rated value       6 kV         • of auxiliary circuit rated value       8 store         • at AC       8,5g / 5 ms, 4,2g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at AC       10 000 000         • of ontactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contacto	size of contactor	S12
• auxiliary switch       Yes         power loss [W] for rated value of the current       165 W         • at AC in hot operating state prople       55 W         • at AC in hot operating state prople       55 W         • without load current share typical       10 W         insuliation voltage       1000 V         • of main circuit with degree of pollution 3 rated value       500 V         • of main circuit rated value       8 kV         • of auxiliary circuit rated value       6 kV         • at AC       8,5g / 5 ms, 4,2g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at AC       10 000 000         • at DC       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000 </td <td>product extension</td> <td></td>	product extension	
power loss [W] for rated value of the current <ul> <li>at AC in hot operating state</li> <li>at AC in hot operating state per pole</li> <li>55 W</li> <li>at AC in hot operating state per pole</li> <li>of main circuit with degree of pollution 3 rated value</li> <li>of main circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit rated value</li> <li>at AC</li> <li>bock resistance with sine pulse</li> <li>at AC</li> <li>at AC</li> <li>bit Bit Bit Bit Bit Bit Bit Bit Bit Bit B</li></ul>	<ul> <li>function module for communication</li> </ul>	No
• at AC in hot operating state per pole       165 W         • without load current share typical       10 W         insulation voltage       10 W         • of main circuit with degree of pollution 3 rated value       1000 V         • of main circuit with degree of pollution 3 rated value       1000 V         • of main circuit with degree of pollution 3 rated value       500 V         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • of auxiliary circuit rated value       8 kV         • at AC       8.5g / 5 ms, 4.2g / 10 ms         • at AC       13.4g / 5 ms, 6,5g / 10 ms         • at AC       13.4g / 5 ms, 6,5g / 10 ms         • at AC       13.4g / 5 ms, 6,5g / 10 ms         • at AC       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contact	auxiliary switch	Yes
• at AC in hot operating state per pole       55 W         • without load current share typical       10 W         Insulation voltage       10 0 V         • of main circuit with degree of pollution 3 rated value       1 000 V         • of main circuit with degree of pollution 3 rated value       1 000 V         • of main circuit rated value       8 kV         • of main circuit rated value       8 kV         • of main circuit rated value       6 kV         maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1       690 V         shock resistance at rectangular impulse       8.5g / 5 ms, 4.2g / 10 ms         • at AC       8.5g / 5 ms, 4.2g / 10 ms         • at AC       13.4g / 5 ms, 6.5g / 10 ms         • at AC       13.4g / 5 ms, 6.5g / 10 ms         • at AC       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added electronically optimized 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	power loss [W] for rated value of the current	
• without load current share typical       10 W         insulation voltage       • of main circuit with degree of pollution 3 rated value       1 000 V         • of auxiliary circuit with degree of pollution 3 rated value       500 V         surge voltage resistance       500 V         • of main circuit rated value       8 kV         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1       600 V         shock resistance at rectangular impulse       8,5g / 5 ms, 4,2g / 10 ms         • at AC       8,5g / 5 ms, 4,2g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at AC       10 000 000         • of the contactor with added electronically optimized 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 addee auxiliary switch blo	<ul> <li>at AC in hot operating state</li> </ul>	165 W
insulation voltage       • of main circuit with degree of pollution 3 rated value       1 000 V         • of auxiliary circuit with degree of pollution 3 rated value       500 V         • of auxiliary circuit with degree of pollution 3 rated value       500 V         • of main circuit rated value       8 kV         • of auxiliary circuit rated value       8 kV         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for safe isolation between coll and main contacts according to EN 60947-1       690 V         shock resistance at rectangular impulse       8,5g / 5 ms, 4,2g / 10 ms         • at AC       8,5g / 5 ms, 4,2g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at DC       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized 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       0 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       05/01/2012         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature	<ul> <li>at AC in hot operating state per pole</li> </ul>	55 W
<ul> <li>of main circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>surge voltage resistance</li> <li>of main circuit rated value</li> <li>8 kV</li> <li>of auxiliary circuit rated value</li> <li>6 kV</li> <li>maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1</li> <li>shock resistance at rectangular impulse</li> <li>at AC</li> <li>8,5g / 5 ms, 4,2g / 10 ms</li> <li>at DC</li> <li>8,5g / 5 ms, 4,2g / 10 ms</li> <li>at DC</li> <li>at AC</li> <li>at DC</li> <li>bock resistance with sine pulse</li> <li>at AC</li> <li>at DC</li> <li>13,4g / 5 ms, 6,5g / 10 ms</li> <li>at DC</li> <li>10 000 000</li> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch block typical</li> <li>of the contactor with added auxiliary switch bl</li></ul>	<ul> <li>without load current share typical</li> </ul>	10 W
• of auxiliary circuit with degree of pollution 3 rated value       500 V         surge voltage resistance       8 kV         • of main circuit rated value       8 kV         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1       690 V         shock resistance at rectangular impulse       6 kJ         • at AC       8,5g / 5 ms, 4,2g / 10 ms         • at AC       8,5g / 5 ms, 4,2g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at DC       13,4g / 5 ms, 6,5g / 10 ms         • at DC       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       5000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       0         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       0         • of the contactor with added auxiliary switch block typical       0         • of the contactor with added auxiliary switch block typical       0         • of the contactor with added auxiliary switch block typical <td< td=""><td>insulation voltage</td><td></td></td<>	insulation voltage	
value       value         surge voltage resistance       8 kV         • of main circuit rated value       8 kV         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1       690 V         shock resistance at rectangular impulse       6 kV         • at AC       8,5g / 5 ms, 4,2g / 10 ms         • at AC       8,5g / 5 ms, 4,2g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at AC       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       5000 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       10 000 000         • of the contactor with added auxiliary switch block       10 000 000         Substance Prohibitan	<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	1 000 V
• of main circuit rated value8 kV• of auxiliary circuit rated value6 kVmaximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1690 Vshock resistance at rectangular impulse690 V• at AC8,5g / 5 ms, 4,2g / 10 ms• at DC8,5g / 5 ms, 4,2g / 10 ms• at AC13,4g / 5 ms, 6,5g / 10 ms• at AC13,4g / 5 ms, 6,5g / 10 ms• at AC13,4g / 5 ms, 6,5g / 10 ms• at DC10 000 000• of the contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical05/01/2012Ambient conditions2 000 minstallation altitude at height above sea level maximum ambient temperature • during operation2 000 m	, , , , , , , , , , , , , , , , , , , ,	500 V
• of auxiliary circuit rated value6 kVmaximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1690 Vshock resistance at rectangular impulse6 kV• at AC8,5g / 5 ms, 4,2g / 10 ms• at DC8,5g / 5 ms, 4,2g / 10 msshock resistance with sine pulse6 kV• at AC13,4g / 5 ms, 6,5g / 10 ms• at AC13,4g / 5 ms, 6,5g / 10 ms• at DC13,4g / 5 ms, 6,5g / 10 ms• at DC10 000 000• of contactor typical10 000 000• of the contactor with added electronically optimized 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)05/01/2012Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 mambient temperature • during operation-25 +60 °C	surge voltage resistance	
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1       690 V         shock resistance at rectangular impulse       8,5g / 5 ms, 4,2g / 10 ms         • at AC       8,5g / 5 ms, 4,2g / 10 ms         • at DC       8,5g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse       13,4g / 5 ms, 6,5g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at DC       13,4g / 5 ms, 6,5g / 10 ms         • at DC       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       0 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       05/01/2012         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m	<ul> <li>of main circuit rated value</li> </ul>	8 kV
coil and main contacts according to EN 60947-1shock resistance at rectangular impulse• at AC8,5g / 5 ms, 4,2g / 10 ms• at DC8,5g / 5 ms, 4,2g / 10 ms• at AC13,4g / 5 ms, 6,5g / 10 ms• at AC13,4g / 5 ms, 6,5g / 10 ms• at DC13,4g / 5 ms, 6,5g / 10 ms• at DC10 000 000• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical000000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000 <t< td=""><td><ul> <li>of auxiliary circuit rated value</li> </ul></td><td>6 kV</td></t<>	<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
• at AC8,5g / 5 ms, 4,2g / 10 ms• at DC8,5g / 5 ms, 4,2g / 10 msshock resistance with sine pulse13,4g / 5 ms, 6,5g / 10 ms• at AC13,4g / 5 ms, 6,5g / 10 ms• at DC13,4g / 5 ms, 6,5g / 10 ms• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical000 000• of the contactor with added auxiliary switch block typical000 000• of the contactor with added auxiliary switch block typical000 000• of the contactor with added auxiliary switch block typical2 000 000• of the conditions2 000 minstallation altitude at height above sea level maximum • during operation2 000 m		690 V
• at DC       8,5g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse       13,4g / 5 ms, 6,5g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at DC       13,4g / 5 ms, 6,5g / 10 ms         mechanical service life (switching cycles)       10 000 000         • of the contactor typical       10 000 000         • of the contactor with added electronically optimized 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       0 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       05/01/2012         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C	shock resistance at rectangular impulse	
shock resistance with sine pulse       13,4g / 5 ms, 6,5g / 10 ms         • at AC       13,4g / 5 ms, 6,5g / 10 ms         • at DC       13,4g / 5 ms, 6,5g / 10 ms         mechanical service life (switching cycles)       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       5 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         feference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       05/01/2012         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C	• at AC	8,5g / 5 ms, 4,2g / 10 ms
• at AC13,4g / 5 ms, 6,5g / 10 ms• at DC13,4g / 5 ms, 6,5g / 10 msmechanical service life (switching cycles)10 000 000• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor (Date)05/01/2012Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 m• during operation-25 +60 °C	• at DC	8,5g / 5 ms, 4,2g / 10 ms
• at DC       13,4g / 5 ms, 6,5g / 10 ms         mechanical service life (switching cycles)       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       5 000 000         • 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       0000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       05/01/2012         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C	shock resistance with sine pulse	
mechanical service life (switching cycles)       10 000 000         • of contactor typical       10 000 000         • of the contactor with added electronically optimized auxiliary switch block typical       5 000 000         • 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)       05/01/2012         Ambient conditions       2 000 m         ambient temperature       -25 +60 °C	• at AC	13,4g / 5 ms, 6,5g / 10 ms
• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 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)05/01/2012Ambient conditions2 000 minstallation altitude at height above sea level maximum e during operation2 000 m	• at DC	13,4g / 5 ms, 6,5g / 10 ms
• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)05/01/2012Ambient conditions2 000 minstallation altitude at height above sea level maximum e during operation2 000 m	mechanical service life (switching cycles)	
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)       05/01/2012         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C	<ul> <li>of contactor typical</li> </ul>	10 000 000
typical     Image: constraint of the second se		5 000 000
Substance Prohibitance (Date)       05/01/2012         Ambient conditions       installation altitude at height above sea level maximum         ambient temperature       2 000 m         • during operation       -25 +60 °C		10 000 000
Ambient conditions         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C	reference code according to IEC 81346-2	Q
installation altitude at height above sea level maximum       2 000 m         ambient temperature <ul> <li>during operation</li> <li>-25 +60 °C</li> </ul>	Substance Prohibitance (Date)	05/01/2012
ambient temperature       • during operation       -25 +60 °C	Ambient conditions	
• during operation -25 +60 °C	installation altitude at height above sea level maximum	2 000 m
	ambient temperature	
• during storage -55 +80 °C	<ul> <li>during operation</li> </ul>	-25 +60 °C
	during storage	-55 +80 °C

relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
lain circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
at AC-3 rated value maximum	1 000 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	1 000 V
operational current	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated value</li> <li>at AC-1</li> </ul>	610 A
up to 690 V at ambient temperature 40 °C rated value	610 A
— up to 690 V at ambient temperature 60 °C rated value	550 A
— up to 1000 V at ambient temperature 40 °C rated value	200 A
— up to 1000 V at ambient temperature 60 °C rated value	200 A
• at AC-3	
— at 400 V rated value	500 A
— at 500 V rated value	500 A
— at 690 V rated value	450 A
— at 1000 V rated value	180 A
● at AC-3e	
— at 400 V rated value	500 A
— at 500 V rated value	500 A
— at 690 V rated value	450 A
— at 1000 V rated value	180 A
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	430 A
<ul> <li>at AC-5a up to 690 V rated value</li> </ul>	536 A
<ul> <li>at AC-5b up to 400 V rated value</li> </ul>	415 A
● at AC-6a	
<ul> <li>— up to 230 V for current peak value n=20 rated value</li> </ul>	414 A
— up to 400 V for current peak value n=20 rated value	414 A
— up to 500 V for current peak value n=20 rated value	414 A 414 A
<ul> <li>— up to 690 V for current peak value n=20 rated value</li> </ul>	
<ul> <li>up to 1000 V for current peak value n=20 rated value</li> <li>at AC-6a</li> </ul>	180 A
<ul> <li>at AC-ba</li> <li>— up to 230 V for current peak value n=30 rated value</li> </ul>	276 A
— up to 400 V for current peak value n=30 rated value	276 A
— up to 500 V for current peak value n=30 rated value	276 A
— up to 690 V for current peak value n=30 rated value up to 1000 V for current peak value n=30 rated	276 A
— up to 1000 V for current peak value n=30 rated value minimum cross-section in main circuit at maximum AC-1	180 A 370 mm <sup>2</sup>
operational current for approx. 200000 operating	
cycles at AC-4	
• at 400 V rated value	175 A
• at 690 V rated value	150 A
operational current	

— at 24 V rated value	400 A
— at 110 V rated value	33 A
— at 220 V rated value	3.8 A
— at 440 V rated value	0.9 A
— at 600 V rated value	0.6 A
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	400 A
— at 110 V rated value	400 A
— at 220 V rated value	400 A
— at 440 V rated value	4 A
— at 600 V rated value	2 A
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	400 A
— at 110 V rated value	400 A
— at 220 V rated value	400 A
— at 440 V rated value	11 A
— at 600 V rated value	5.2 A
• at 1 current path at DC-3 at DC-5	0.27
- at 24 V rated value	400 A
— at 110 V rated value	3 A
— at 220 V rated value	0.6 A
— at 220 V rated value — at 440 V rated value	0.18 A
— at 440 V rated value — at 600 V rated value	0.18 A 0.125 A
<ul> <li>at 600 v rated value</li> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	0.120 A
- at 24 V rated value	400 A
	400 A 400 A
— at 110 V rated value — at 220 V rated value	2.5 A
— at 440 V rated value	0.65 A
— at 600 V rated value	0.37 A
• with 3 current paths in series at DC-3 at DC-5	100 A
— at 24 V rated value	400 A
— at 110 V rated value	400 A
— at 220 V rated value	400 A
— at 440 V rated value	1.4 A
— at 600 V rated value	0.75 A
operating power	
• at AC-3	
— at 230 V rated value	160 kW
— at 400 V rated value	250 kW
— at 500 V rated value	315 kW
— at 690 V rated value	400 kW
— at 1000 V rated value	250 kW
• at AC-3e	
— at 230 V rated value	160 kW
— at 400 V rated value	250 kW
— at 500 V rated value	315 kW
— at 690 V rated value	400 kW
— at 1000 V rated value	250 kW
operating power for approx. 200000 operating cycles at AC-4	
at 400 V rated value	98 kW
<ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> </ul>	98 KW 148 kW
	ויא טדו
operating apparent power at AC-6a	160 000 kVA
<ul> <li>up to 230 V for current peak value n=20 rated value</li> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	
• up to 400 V for current peak value n=20 rated value	280 000 VA
• up to 500 V for current peak value n=20 rated value	350 000 VA
• up to 690 V for current peak value n=20 rated value	490 000 VA
<ul> <li>up to 1000 V for current peak value n=20 rated value</li> </ul>	310 000 VA
operating apparent power at AC-6a	
up to 230 V for current peak value n=30 rated value	110 000 VA

<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	190 000 VA				
<ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul>					
<ul> <li>up to 690 V for current peak value n=30 rated value</li> </ul>	330 000 VA				
<ul> <li>up to 1000 V for current peak value n=30 rated</li> </ul>	310 000 VA				
value					
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>	7 484 A; Use minimum cross-section acc. to AC-1 rated value				
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	7 484 A; Use minimum cross-section acc. to AC-1 rated value				
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	5 978 A; Use minimum cross-section acc. to AC-1 rated value				
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	3 765 A; Use minimum cross-section acc. to AC-1 rated value				
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	2 887 A; Use minimum cross-section acc. to AC-1 rated value				
no-load switching frequency					
• at AC	2 000 1/h				
• at DC	2 000 1/h				
operating frequency					
at AC-1 maximum	500 1/h				
<ul> <li>at AC-2 maximum</li> </ul>	170 1/h				
<ul> <li>at AC-3 maximum</li> </ul>	420 1/h				
• at AC-3e maximum	420 1/h				
• at AC-4 maximum	130 1/h				
Control circuit/ Control					
type of voltage of the control supply voltage	AC/DC				
control supply voltage at AC					
• at 50 Hz rated value	23 26 V				
at 50 Hz rated value     at 60 Hz rated value	23 26 V 23 26 V				
	23 20 V				
control supply voltage at DC	22 26 1/				
• rated value	23 26 V				
operating range factor control supply voltage rated value of magnet coil at DC					
• initial value	0.8				
full-scale value	1.1				
operating range factor control supply voltage rated					
value of magnet coil at AC					
• at 50 Hz	0.8 1.1				
• at 60 Hz	0.8 1.1				
design of the surge suppressor	with varistor				
apparent pick-up power of magnet coil at AC					
• at 50 Hz	830 VA				
• at 60 Hz	830 VA				
inductive power factor with closing power of the coil					
• at 50 Hz	0.9				
• at 60 Hz	0.9				
apparent holding power of magnet coil at AC					
apparent noting power of magnet con at AC     a at 50 Hz	9.2 VA				
• at 50 Hz	9.2 VA 9.2 VA				
• at 60 m2 inductive power factor with the holding power of the					
coil					
• at 50 Hz	0.9				
• at 60 Hz	0.9				
closing power of magnet coil at DC	920 W				
holding power of magnet coil at DC	10 W				
closing delay					
• at AC	45 100 ms				
• at DC	45 100 ms				
opening delay					
• at AC	60 100 ms				
• at DC	60 100 ms 10 15 ms				
arcing time					
control version of the switch operating mechanism	Standard A1 - A2				
Auxiliary circuit					

number of NC contacts for auxiliary contacts         2           number of NO contacts for auxiliary contacts         2           operational current at AC-12 maximum         10 A           operational current at AC-15         6           • 1230 V rated value         3 A           • • 1600 V rated value         2 A           • • 1600 V rated value         0 A           • • 175 V rated value         0 A           • • 180 V rated value         0 A           • • • • 180 V rated value         0 A <th></th> <th></th>		
Instantancia: contact operational current at AC-16 e 1230 V rated value e 1400 V rated value e 1600 V rated value e 160 V rated va		2
operational current at AC-15         6           • • at 200 V rated value         3 A           • • at 500 V rated value         3 A           • • at 500 V rated value         2 A           • • at 600 V rated value         1 A           operational current at DC-12         6 A           • • at 64 V rated value         6 A           • • at 64 V rated value         6 A           • • at 64 V rated value         6 A           • • at 64 V rated value         6 A           • • at 60 V rated value         1 A           • • at 60 V rated value         1 A           • • at 60 V rated value         0 A           • • at 60 V rated value         0 A           • • at 60 V rated value         0 A           • • at 60 V rated value         0 A           • • at 60 V rated value         0 A           • • at 60 V rated value         0 A           • • at 220 V rated value         0 A           • • at 220 V rated value         0 A           • • at 800 V rated value         0 A           • • at 800 V rated value         477 A           • • at 800 V rated value         477 A           • • at 800 V rated value         400 hp           • • at 200200 V rated value         200 hp <td></td> <td>2</td>		2
• e1 230 V rated value     6.A       • e1 600 V rated value     2.A       • e1 630 V rated value     1.A       • operational current at DC-12     6.A       • e1 60 V rated value     6.A       • e1 60 V rated value     6.A       • e1 60 V rated value     6.A       • e1 61 V rated value     6.A       • e1 62 V rated value     6.A       • e1 62 V rated value     7.A       • e1 62 V rated value     7.7 A       • e1 62 V rated value     4.72 A       • e1 60 V rated value     50 h p       - e1 200208 V rated value     50 h p       - e1 200208 V rated value     500 h p<	operational current at AC-12 maximum	10 A
• # 400 V rated value     3.A       • # 600 V rated value     2.A       • # 600 V rated value     1.A       operational current at DC-12     6.A       • # 14 V rated value     6.A       • # 10 V rated value     6.A       • # 110 V rated value     6.A       • # 12 V rated value     6.A       • # 12 V rated value     0.A       • # 16 0	operational current at AC-15	
• at 600 V rated value         2 Å           • at 600 V rated value         1 Å           operational current at DC-12         0 Å           • at 60 V rated value         6 Å           • at 60 V rated value         6 Å           • at 10 V rated value         6 Å           • at 10 V rated value         2 Å           • at 122 V rated value         2 Å           • at 122 V rated value         0 Å           • at 122 V rated value         0 Å           • at 02 V rated value         0 Å           • at 02 V rated value         0 Å           • at 02 V rated value         0 Å           • at 04 V rated value         0 Å           • at 050 V rated value         0 Å           • at 050 V rated value         0 Å           • at 050 V rated value         477 Å           • at 600 V rated value         477 Å           • at 600 V rated value         477 Å           • at 600 V rated value         400 hp           • at 20020 V rated value         500 hp           • at 20020 V rated value         500 hp           • at 40048	<ul> <li>at 230 V rated value</li> </ul>	6 A
• at 680 V rated value     1 Å       operational current at DC-12     •       • at 24 V rated value     6 Å       • at 10 V rated value     3 Å       • at 125 V rated value     2 Å       • at 220 V rated value     0.15 Å       • at 240 V rated value     0.15 Å       • at 250 V rated value     0.15 Å       • at 200 V rated value     0.15 Å       • at 200 V rated value     0.15 Å       • at 800 V rated value     0.16 Å       • at 800 V rated value     0.16 Å       • at 800 V rated value     0.16 Å       • at 800 V rated value     0.3 Å       • at 800 V rated value     0.14 Å       contact reliability of auxiliary contacts     1 faulty switching per 100 million (17 V, 1 mA)       ULICSA rating SU     77 Å       • at 800 V rated value     477 Å       • at 800 V rated value     477 Å       • at 800 V rated value     470 Å       • at 800 V rated value     400 Å       • at 800 V	<ul> <li>at 400 V rated value</li> </ul>	3 A
operational current at DC-12         10 A           • at 24 Vitated value         10 A           • at 34 Vitated value         6 A           • at 80 Vitated value         6 A           • at 10 Vitated value         6 A           • at 25 Vitated value         7 A           • at 26 Vitated value         1 A           • at 600 Vitated value         1 A           • at 600 Vitated value         1 A           • at 600 Vitated value         0.15 A           operational current at DC-13         0 A           • at 20 Vitated value         0.3 A           • at 10 Vitated value         0.3 A           • at 20 Vitated value         0.3 A           • at 20 Vitated value         0.1 A           • at 20 Vitated value         0.1 A           • at 20 Vitated value         0.1 A           • at 600 Vitated value         477 A           • at 600 Vitated value         477 A           • at 600 Vitated value         477 A           • at 200228 Vitated value         150 hp           - at 220230 Vitated value         150 hp           - at 220230 Vitated value         200 hp           - at 4500 Vitated value         400 hp           - at 4500480 Vitated value         200 hp	<ul> <li>at 500 V rated value</li> </ul>	2 A
it 24 V rited value       it 24 V rited value       it 26 V rited value       it 30 V rated value       0.9 A       it 30 V rated value       0.9 A       it 30 V rated value       0.1 A       it 30 V rated value       it 30 V p       it add avalue       it 40 V rated value       it 30 V p       it add avalue       it 30 V p       it add avalue       it 30 V rated value       it 30 V rated value       it 30 V p       it 40 V rated value       it 50 hp       contract rate it avalue value       it 50 hp       contract rate it avalue value       it 50 hp       contract rate it avalue       it 50 hp	at 690 V rated value	1 A
• at 48 V rated value     6 Å       • at 160 V rated value     6 Å       • at 172 V rated value     3 Å       • at 125 V rated value     1 Å       • at 260 V rated value     0.15 Å       operational current at DC-13     0.15 Å       • at 24 V rated value     0.16 Å       • at 24 V rated value     0.16 Å       • at 24 V rated value     0.16 Å       • at 24 V rated value     2 Å       • at 10 V rated value     0.9 Å       • at 25 V rated value     0.3 Å       • at 260 V rated value     0.3 Å       • at 200 V rated value     0.1 Å       • at 200 V rated value     0.1 Å       • at 200 V rated value     0.1 Å       • at 200 V rated value     0.3 Å       • at 200 V rated value     0.1 Å       • at 600 V rated value     477 Å       • at 600 V rated value     477 Å       • at 600 V rated value     470 Å       • at 600 V rated value     400 hp       - at 200/208 V rated value     50 hp       - at 200/208 V rated value     500 hp       - at 460480 V rated value     600 hp       • or short-circuit protection of the main circuit     600 kp       - at 575860 V rated value     600 hp       • for short-circuit protection of the auxiliary switch required     500 Å (690 V, 100 kÅ),	operational current at DC-12	
• at 60 V rated value         6 Å           • at 120 V rated value         3 Å           • at 220 V rated value         1 Å           • at 220 V rated value         0.15 Å           operational current at DC-13         0.16 Å           • at 80 V rated value         10 Å           • at 81 V rated value         2 Å           • at 81 V rated value         2 Å           • at 81 V rated value         2 Å           • at 81 V rated value         0.9 Å           • at 220 V rated value         0.1 Å           • at 220 V rated value         0.1 Å           • at 220 V rated value         0.1 Å           • at 200 V rated value         0.1 Å           • at 80 V rated value         0.1 Å           • at 800 V rated value         477 Å           • at 800 V rated value         477 Å           • at 800 V rated value         477 Å           • at 480 V rated value         470 Å           • at 480 V rated value         470 Å           • at 480 V rated value         400 ħ           • at 480 V rated value         500 ħ <tr< td=""><td><ul> <li>at 24 V rated value</li> </ul></td><td>10 A</td></tr<>	<ul> <li>at 24 V rated value</li> </ul>	10 A
	<ul> <li>at 48 V rated value</li> </ul>	6 A
• at 125 V rated value     2 Å       • at 220 V rated value     0.15 Å       opprational current at DC-13     0       • at 24 V rated value     10 Å       • at 48 V rated value     2 Å       • at 125 V rated value     0.8 Å       • at 125 V rated value     0.3 Å       • at 220 V rated value     0.1 Å       contact reliability of rated value     0.1 Å       contact reliability of rated value     0.1 Å       contact reliability of rated value     477 Å       • at 400 V rated value     477 Å       • at 600 V rated value     477 Å       • at 600 V rated value     470 Å       • at 600 V rated value     477 Å       • at 600 V rated value     470 Å       • at 600 V rated value     470 Å       • at 600 V rated value     200 hp       - at 420/208 V rated value     200 hp       - at 450/480 V rated value     500 hp       - at 457500 V rated value     500 hp       • at 57500 V rated value     500 hp       • at 57500 V rated value     500 hp       • at 57500 V rated value     500 hp       • or short-circuit protection of the main circuit     90 (500 Å (600 V, 100 Å), 600	<ul> <li>at 60 V rated value</li> </ul>	6 A
• at 220 V rated value     1 A       • at 400 V rated value     0.15 A       • at 24 V rated value     10 A       • at 24 V rated value     10 A       • at 48 V rated value     2 A       • at 10 V rated value     2 A       • at 10 V rated value     2 A       • at 10 V rated value     0.3 A       • at 20 V rated value     0.3 A       • at 200 V rated value     0.1 A       • contact reliability of auxillary contacts     1 fauly switching per 100 million (17 V, 1 mA)       UL/CSA ratings     477 A       • at 600 V rated value     470 A       • at 600 V rated value     470 A       • at 600 V rated value     200 hp       • at 600 V rated value     500 hp       • for short-circuit protection of the main circuit     66: 600 A (690 V, 100 kA), gS 60 A (690 V, 50 kA), ES 88: 500 A (415 V, 50 kA)       • for short-circuit protection of the auxiliary switch     gG: 600 A (690 V, 100 kA), gG: 500 A (690 V, 10 kA), gG: 500 A (69	<ul> <li>at 110 V rated value</li> </ul>	3 A
• at 600 V rated value     0.15 Å       operational current at DC-13     10 Å       • at 43 V rated value     10 Å       • at 43 V rated value     2 Å       • at 60 V rated value     2 Å       • at 125 V rated value     0.9 Å       • at 200 V rated value     0.3 Å       • at 200 V rated value     0.1 Å       • at 200 V rated value     0.1 Å       • at 200 V rated value     0.1 Å       • at 800 V rated value     477 Å       • at 800 V rated value     472 Å       • at 800 V rated value     472 Å       • at 800 V rated value     150 hp       - at 200208 V rated value     200 hp       - at 200208 V rated value     200 hp       - at 80040 v rated value     500 hp       • for short-circuit protection of the main circuit     500 hp       - at 575600 V rated value     500 hp       • for short-circuit protection of the auxiliary switch     gG: 600 A (690 V, 100 kÅ), aM: 500 A (690 V, 50 kÅ), BSB8: 500 A (415 V, 50 kÅ)       • for short-circuit protection of the auxiliary switch     gG: 10 A (600 V, 100 kÅ), aM: 500 A (690 V, 50 kÅ), BSB8: 500 A (415 V, 50 kÅ)       • with type of assignment 2 required     yes hall       • with t	<ul> <li>at 125 V rated value</li> </ul>	2 A
operational current at DC-13         10 A           • at 24 V rated value         10 A           • at 48 V rated value         2 A           • at 60 V rated value         2 A           • at 10 V rated value         2 A           • at 10 V rated value         0.9 A           • at 220 V rated value         0.9 A           • at 220 V rated value         0.1 A           contact reliability of auxiliary contacts         1 faulty switching per 100 million (17 V, 1 mA)           UL/CSA ratings         4460 V rated value           vielded mechanical performance [hp]         477 A           • at 800 V rated value         400 hp           - at 200/208 V rated value         200 hp           - at 200/208 V rated value         500 hp           - at 460480 V rated value         500 hp           - at 460480 V rated value         500 hp           - ortactrating of auxiliary contacts according to UL         Sito A (690 V, 100 kA), at: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)           • for short-circuit protect	<ul> <li>at 220 V rated value</li> </ul>	1 A
• at 24 V rated value       10 A         • at 48 V rated value       2 A         • at 60 V rated value       2 A         • at 125 V rated value       0.9 A         • at 220 V rated value       0.3 A         • at 600 V rated value       0.1 A         contact reliability of auxiliary contacts       1 fault switching per 100 million (17 V, 1 mA)         ///CSA ratings       77 A         full-load current (FLA) for 3-phase AC motor       477 A         • at 420 V rated value       477 A         • at 420 V rated value       472 A         yielded mechanical performance [hp]       • for 3-phase AC motor         • for 3-phase AC motor       - at 220/230 V rated value         - at 220/230 V rated value       150 hp         - at 220/230 V rated value       200 hp         - at 55/600 V rated value       500 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection of the main circuit       - with type of coordination 1 required         - with type of coordination 1 required       gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS8: 500 A (415 V, 50 kA)         - with type of coordination 1 required       gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS8: 500 A (415 V, 50 kA)         - with type of coordination 1 required       yo	<ul> <li>at 600 V rated value</li> </ul>	0.15 A
• at 48 V rated value     2 A       • at 60 V rated value     2 A       • at 60 V rated value     1 A       • at 125 V rated value     0.9 A       • at 220 V rated value     0.1 A       • at 800 V rated value     0.1 A       contact reliability of auxiliary contacts     1 faulty switching per 100 million (17 V, 1 mA)       UL/CSA ratings     477 A       • at 800 V rated value     477 A       • at 800 V rated value     472 A       • of 60 V rated value     472 A       • of 80 V rated value     472 A       • of 80 V rated value     472 A       • of 80 V rated value     470 A       • of 80 V rated value     200 hp       - at 220/230 V rated value     200 hp       - at 220/230 V rated value     200 hp       - at 450480 V rated value     400 hp       - at 220/230 V rated value     500 hp       contact rating of auxiliary contacts according to UL     A600 / Q600       Short-circuit protection of the main circuit     - with type of coordination 1 required       - with type of coordination 1 required     96: 500 A (690 V, 100 kA)       • for short-circuit protection of the auxiliary switch required     96: 500 A (690 V, 100 kA)       • for short-circuit protection of the auxiliary switch required     96: 10 A (500 V, 10 kA), st 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) <tr< td=""><td>operational current at DC-13</td><td></td></tr<>	operational current at DC-13	
• at 60 V rated value       2 A         • at 110 V rated value       1 A         • at 220 V rated value       0.9 A         • at 220 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings         full-oad current (FLA) for 3-phase AC motor       477 A         • at 480 V rated value       477 A         • at 480 V rated value       472 A         yielded mechanical performance [hp]       600 hp         • for 3-phase AC motor       150 hp         - at 200/208 V rated value       200 hp         - at 400/400 V rated value       200 hp         - at 4575/000 V rated value       500 hp         - at 575/000 V rated value       500 hp         - at 575/000 V rated value       500 hp         - at 60/480 W rated value       500 hp         - with type of coordination 1 required       500 A (690 V, 100 KA)         - with type of coordination 1 required       gG: 500 A (690 V, 100 KA)         - with type of assignment 2 required       GG: 600 V, 100 KA)         - with type of assignment 2 required       Sci 0 A (690 V, 100 KA), abit 500 A (690 V, 50 KA), BS88: 500 A (415 V, 50 KA)         - for short-circuit protection of the auxiliary switch       ci 0 A (500 V, 1 KA)	• at 24 V rated value	10 A
• at 110 V rated value       1 A         • at 125 V rated value       0.9 A         • at 200 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings	• at 48 V rated value	2 A
• at 125 V rated value     0.9 A       • at 220 V rated value     0.1 A       contact reliability of auxiliary contacts     1 faulty switching per 100 million (17 V, 1 mA)       UL/CSA ratings     1       full-load current (FLA) for 3-phase AC motor     477 A       • at 400 V rated value     477 A       • at 400 V rated value     477 A       • at 600 V rated value     472 A       yleided mechanical performance [hp]     -       • for 3-phase AC motor     -       - at 200/200 V rated value     200 hp       - at 200/200 V rated value     400 hp       - at 40/400 V rated value     400 hp       - at 457/600 V rated value     500 hp       Contact rating of auxiliary contacts according to UL     A00 / 0600       Stort-circuit protection     GG: 500 A (690 V, 100 kA)       - with type of consignment 2 required     gG: 500 A (690 V, 100 kA)       - with type of assignment 2 required     gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)       e for short-circuit protection of the auxiliary switch required     screw fixing       • for short-circuit protection of the auxiliary switch required     gG: 500 A (690 V, 10 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)       e side-by-side mounting     Yes       Installation/ mounting/ dimensions     Screw fixing       with vertical mounting surface +/-	• at 60 V rated value	2 A
• at 220 V rated value       0.3 A         • at 600 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UU/CSA ratings       477 A         full-load current (FLA) for 3-phase AC motor       477 A         • at 480 V rated value       477 A         • at 600 V rated value       472 A         yleided mechanical performance [hp]       -         • for 3-phase AC motor       -         - at 200/208 V rated value       200 hp         - at 200/208 V rated value       400 hp         - at 200/208 V rated value       500 hp         contact rating of auxiliary contacts according to UL       A600 / 0600         Short-clicuit protection of the main circuit       -         - with type of coordination 1 required       gG: 630 A (690 V, 100 kA)         - with type of coordination 1 required       gG: 600 A (690 V, 100 kA), BS88: 500 A (415 V, 50 kA), BS88: 500 A (415 V,	• at 110 V rated value	
• at 600 V rated value       0.1 A         contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       477 A         • at 480 V rated value       477 A         • at 600 V rated value       477 A         • at 600 V rated value       472 A         yleided mechanical performance [hp]	<ul> <li>at 125 V rated value</li> </ul>	0.9 A
contact reliability of auxiliary contacts         1 faulty switching per 100 million (17 V, 1 mA)           UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         4           • at 4800 V rated value         477 A           • at 600 V rated value         472 A           yielded mechanical performance [hp]         6           • for 3-phase AC motor         150 hp           - at 220/208 V rated value         200 hp           - at 220/230 V rated value         500 hp           - at 200/208 V rated value         500 hp           - at 460/480 V rated value         500 hp           contact rating of auxiliary contacts according to UL         A600 / Q600           Short-circuit protection of the main circuit         9G: 500 A (690 V, 100 kA)           • for short-circuit protection of the main circuit         gG: 500 A (690 V, 100 kA)           • for short-circuit protection of the auxiliary switch required         gG: 500 A (690 V, 100 kA)           • for short-circuit protection of the auxiliary switch required         gG: 10 A (500 V, 100 kA)           • for short-circuit protection of the auxiliary switch required         gG: 10 A (500 V, 100 kA)           • for short-circuit protection of the auxiliary switch required         gG: 10 A (500 V, 100 kA)           • for short-circuit protection of the auxiliary switch required         gC: 10 A (500 V, 1 kA)	<ul> <li>at 220 V rated value</li> </ul>	0.3 A
UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       477 A         • at 600 V rated value       472 A         yielded mechanical performance [hp]       • for 3-phase AC motor         - at 220/230 V rated value       150 hp         - at 220/230 V rated value       200 hp         - at 460/480 V rated value       500 hp         - at 575/600 V rated value       500 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         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 coordination 1 required       gG: 630 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         resting method       surface +/- 22.5" littable to the front and back         screw fixing       Yes         height       214 mm         width       160 mm         deth       225 mm         required spacing       • with side-by-side mounting         • hight       214 mm         • width       160 mm         - upwards       20 mm	at 600 V rated value	0.1 A
full-load current (FLA) for 3-phase AC motor       477 A         • at 480 V rated value       477 A         • at 600 V rated value       472 A         yielded mechanical performance [hp]       472 A         • at 200/208 V rated value       150 hp         - at 220/230 V rated value       200 hp         - at 460/480 V rated value       400 hp         - at 575/600 V rated value       500 hp         - at 575/600 V rated value       500 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       400 hp         e for short-circuit protection of the main circuit		1 faulty switching per 100 million (17 V, 1 mA)
• at 480 V rated value         477 Å           • at 600 V rated value         472 Å           • at 600 V rated value         472 Å           yielded mechanical performance [hp]         6 or 3-phase ÅC motor           - at 200/208 V rated value         150 hp           - at 220/230 V rated value         200 hp           - at 460/480 V rated value         500 hp           - at 4575/600 V rated value         500 hp           contact rating of auxiliary contacts according to UL         A600 / Q600           Short-circuit protection         4600 / Q600           Short-circuit protection of the main circuit         - with type of coordination 1 required           - with type of coordination 1 required         gG: 630 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)           • for short-circuit protection of the auxiliary switch required         gG: 10 A (500 V, 1 kA)           • for short-circuit protection of the auxiliary switch required         gG: 630 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)           • for short-circuit protection of the auxiliary switch required         gG: 10 A (500 V, 1 kA)           • attabel mounting / dimensions         screw fixing           • idstallation/ mounting / dimensions         screw fixing           • side-by-side mounting         Yes           height         220 mm     <	UL/CSA ratings	
• at 600 V rated value472 Ayielded mechanical performance [hp]-• for 3-phase AC motor150 hp- at 200/208 V rated value200 hp- at 220/230 V rated value200 hp- at 660/480 V rated value500 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protection of the main circuit with type of coordination 1 requiredgG: 630 A (690 V, 100 kA)• with type of assignment 2 requiredgG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 1 kA)• with type of assignment 2 requiredwith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, wit	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp]         • for 3-phase AC motor         - at 200/208 V rated value         - at 220230 V rated value         - at 460/480 V rated value         - at 450/480 V rated value         - at 575/600 V rated value         600 / Q600         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         v for short-circuit protection of the auxiliary switch required         required         • for short-circuit protection of the auxiliary switch required         gG: 500 A (690 V, 100 kA), all: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)         • for short-circuit protection of the auxiliary switch required         gG: 510 A (500 V, 1 kA)         mounting position         with vertical mounting surface +/-22.5" tiltable to the front and back         screw fixing         • side-by-side mounting         - forwards         - upwards       10 mm         - upwa	<ul> <li>at 480 V rated value</li> </ul>	477 A
<ul> <li>for 3-phase AC motor         <ul> <li>at 200/208 V rated value</li> <li>150 hp</li> <li>at 220/230 V rated value</li> <li>200 hp</li> <li>at 460/480 V rated value</li> <li>400 hp</li> <li>at 575/600 V rated value</li> <li>500 hp</li> </ul> </li> <li>contact rating of auxiliary contacts according to UL</li> <li>A600 / Q600</li> <li>Short-circuit protection</li> <li>design of the fuse link             <ul></ul></li></ul>		472 A
- at 200/208 V rated value       150 hp         - at 220/230 V rated value       200 hp         - at 460/480 V rated value       400 hp         - at 575/600 V rated value       500 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       4600 / Q600         design of the fuse link       •         • for short-circuit protection of the main circuit       -         - with type of coordination 1 required       gG: 630 A (690 V, 100 kA)         - with type of assignment 2 required       gG: 500 A (690 V, 100 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 10 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 10 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         • for short-circuit protection       gG: 500 A (690 V, 100 kA)         • iside-by-side mounting       Yes         height       214 mm         with side-by-side mounting       225 mm         • with side-by-side mounting       0 mm		
	•	
at 575/600 V rated value       500 hp         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       design of the fuse link         • for short-circuit protection of the main circuit       gG: 630 A (690 V, 100 kA)         with type of coordination 1 required       gG: 500 A (690 V, 100 kA)         with type of assignment 2 required       gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions       with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         required spacing       0 mm         • with side-by-side mounting       20 mm         growards       10 mm         downwards       10 mm         at the side       0 mm		
contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       design of the fuse link         • for short-circuit protection of the main circuit       gG: 630 A (690 V, 100 kA)         — with type of coordination 1 required       gG: 500 A (690 V, 100 kA)         — with type of assignment 2 required       gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions       with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         - upwards       10 mm         - downwards		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required         • for short-circuit protection of the auxiliary switch required         • for short-circuit protection of the auxiliary switch required         • for short-circuit protection of the auxiliary switch required         • for short-circuit protection of the auxiliary switch required         Installation/ mounting/ dimensions         mounting position         with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         • with side-by-side mounting       20 mm         - upwards       10 mm         - downwards       10 mm         - at the side       0 mm		
design of the fuse link <ul> <li>for short-circuit protection of the main circuit</li> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>gG: 10 A (500 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)</li> </ul> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back</li> <li>fastening method</li> <li>side-by-side mounting</li> <li>eiside-by-side mounting</li> <li>Yes</li> <li>height</li> <li>214 mm</li> <li>width</li> <li>160 mm</li> <li>depth</li> <li>225 mm</li> <li>required spacing</li> <li>with side-by-side mounting</li> <li>forwards</li> <li>upwards</li> <li>0 mm</li> <li>downwards</li> <li>mm</li> <li< td=""><td></td><td>A600 / Q600</td></li<>		A600 / Q600
<ul> <li>for short-circuit protection of the main circuit         <ul> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fastening mounting / dimensions</li> <li>with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing</li> <li>side-by-side mounting</li> <li>side-by-side mounting</li> <li>Yes</li> </ul> </li> <li>height</li> <li>214 mm</li> <li>width</li> <li>depth</li> <li>225 mm</li> <li>required spacing</li> <li>with side-by-side mounting</li> <li>forwards</li> <li>mwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> </ul>		
with type of coordination 1 required       gG: 630 A (690 V, 100 kA)         with type of assignment 2 required       gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions       gG: 10 A (500 V, 1 kA)         mounting position       with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         required spacing       0 mm         - forwards       20 mm         - upwards       10 mm         - downwards       0 mm	-	
with type of assignment 2 required       gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)         • for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions       with vertical mounting surface +/-90° rotatable, with vertical mounting +/- 22.5° tiltable to the front and back         fastening method       screw fixing         • side-by-side mounting       214 mm         • with side-by-side mounting       20 mm         - forwards       20 mm         - upwards       10 mm         - at the side       0 mm		
• for short-circuit protection of the auxiliary switch required       gG: 10 A (500 V, 1 kA)         Installation/ mounting/ dimensions       with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back         fastening method       screw fixing         • side-by-side mounting       Yes         height       214 mm         width       160 mm         depth       225 mm         required spacing       • with side-by-side mounting         - forwards       20 mm         - upwards       10 mm         - downwards       10 mm         - a the side       0 mm		
• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensionsmounting positionwith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and backfastening methodscrew fixing• side-by-side mountingYesheight214 mmwidth160 mmdepth225 mmrequired spacing20 mm• with side-by-side mounting20 mm- forwards20 mm- downwards10 mm- a the side0 mm	— with type of assignment 2 required	
mounting positionwith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and backfastening methodscrew fixing• side-by-side mountingYesheight214 mmwidth160 mmdepth225 mmrequired spacing - forwards20 mm- forwards20 mm- upwards10 mm- downwards10 mm- at the side0 mm		
surface +/- 22.5° tiltable to the front and backfastening methodscrew fixing• side-by-side mountingYesheight214 mmwidth160 mmdepth225 mmrequired spacing225 mm• with side-by-side mounting20 mm- forwards20 mm- downwards10 mm- at the side0 mm	Installation/ mounting/ dimensions	
• side-by-side mountingYesheight214 mmwidth160 mmdepth225 mmrequired spacing225 mm• with side-by-side mounting20 mm- forwards20 mm- upwards10 mm- downwards0 mm- at the side0 mm	mounting position	
height214 mmwidth160 mmdepth225 mmrequired spacing225 mm• with side-by-side mounting20 mm— forwards20 mm— upwards10 mm— downwards10 mm— at the side0 mm	fastening method	screw fixing
width       160 mm         depth       225 mm         required spacing       225 mm         • with side-by-side mounting       -         - forwards       20 mm         - upwards       10 mm         - downwards       10 mm         - at the side       0 mm	<ul> <li>side-by-side mounting</li> </ul>	Yes
depth225 mmrequired spacing225 mm• with side-by-side mounting forwards20 mm- upwards10 mm- downwards10 mm- at the side0 mm	height	214 mm
required spacing       • with side-by-side mounting       forwards       20 mm       upwards       10 mm       downwards       10 mm       at the side     0 mm		160 mm
<ul> <li>with side-by-side mounting         <ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>mm</li> <li>at the side</li> <li>mm</li> </ul> </li> </ul>	•	225 mm
forwards     20 mm       upwards     10 mm       downwards     10 mm       at the side     0 mm		
— upwards10 mm— downwards10 mm— at the side0 mm		
— downwards     10 mm       — at the side     0 mm		
— at the side 0 mm	•	
for grounded parts		0 mm
	<ul> <li>for grounded parts</li> </ul>	

contacts	70 040 3		
stranded	70 240 mm²		
connectable conductor cross-section for auxiliary			
contacts			
solid or stranded	0.5 4 mm <sup>2</sup>		
finely stranded with core end processing	0.5 2.5 mm <sup>2</sup>		
type of connectable conductor cross-sections			
for auxiliary contacts			
— solid	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )		
<ul> <li>— solid or stranded</li> </ul>	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), max. 2x (0,75 4 mm²)		
<ul> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )		
<ul><li>finely stranded with core end processing</li><li>at AWG cables for auxiliary contacts</li></ul>			
<ul> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>AWG number as coded connectable conductor cross</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
<ul> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>AWG number as coded connectable conductor cross section</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12		
<ul> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>AWG number as coded connectable conductor cross section</li> <li>for auxiliary contacts</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function</li> </ul> </li> </ul>	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 1x 12 18 14		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function</li> <li>mirror contact according to IEC 60947-4-1</li> </ul> </li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function</li> </ul> </li> </ul>	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ) 2x (20 16), 2x (18 14), 1x 12 18 14		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function</li> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-</li> </ul> </li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function                 <ul> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li> </ul> </li> </ul></li></ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function                 <ul> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li> <li>B10 value with high demand rate according to SN 31920</li> </ul> </li> </ul> </li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function</li> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li> </ul> </li> <li>B10 value with high demand rate according to SN 31920         <ul> <li>protection class IP on the front according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> </ul> </li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function                 <ul> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li></ul></li></ul></li></ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function</li> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li> </ul> </li> <li>B10 value with high demand rate according to SN 31920         <ul> <li>protection class IP on the front according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> <li>saitability for use                 <ul> <li>safety-related switching OFF</li> </ul> </li> </ul> </li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function                 <ul> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li></ul></li></ul></li></ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function</li> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li> </ul> </li> <li>B10 value with high demand rate according to SN 31920         <ul> <li>protection class IP on the front according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> <li>safety-related switching OFF</li> </ul> </li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover		
<ul> <li>finely stranded with core end processing         <ul> <li>at AWG cables for auxiliary contacts</li> </ul> </li> <li>AWG number as coded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data         <ul> <li>product function</li> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li> </ul> </li> <li>B10 value with high demand rate according to SN 31920         <ul> <li>protection class IP on the front according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> <li>safety-related switching OFF</li> </ul> </li> <li>Certificates/ approvals</li> <li>General Product Approval</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         2x (20 16), 2x (18 14), 1x 12         18 14         Yes         No         1 000 000         IP00; IP20 with box terminal/cover         finger-safe, for vertical contact from the front with box terminal/cover         Yes         EMC		
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<ul> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>AWG number as coded connectable conductor cross section <ul> <li>for auxiliary contacts</li> </ul> </li> <li>Safety related data <ul> <li>product function</li> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li> </ul> </li> <li>B10 value with high demand rate according to IEC 60947-5-1</li> <li>B10 value with high demand rate according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> <li>suitability for use <ul> <li>safety-related switching OFF</li> </ul> </li> <li>Certificates/ approvals</li> </ul> <li>General Product Approval</li>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         2x (20 16), 2x (18 14), 1x 12         18 14         Yes         No         1 000 000         IP00; IP20 with box terminal/cover         finger-safe, for vertical contact from the front with box terminal/cover         Yes         EMC		
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<u>Type Examination</u> <u>Certificate</u>	CE EG-Konf.	UK CA	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	<u>Miscellaneous</u>
Marine / Shipping					other
ABS	Lloyds Register uis	PRS	RMRS		<u>Confirmation</u>
other			Railway		
<u>Miscellaneous</u>	<u>Confirmation</u>	<u>Miscellaneous</u>	<u>Special Test Certific-</u> <u>ate</u>		

## **Further information**

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1076-6AB36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1076-6AB36

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

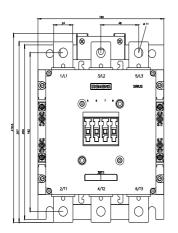
https://support.industry.siemens.com/cs/ww/en/ps/3RT1076-6AB36

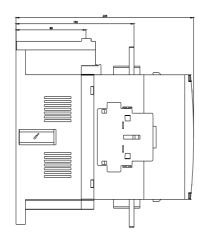
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT1076-6AB36&lang=en

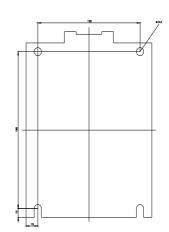
Characteristic: Tripping characteristics, I2t, Let-through current

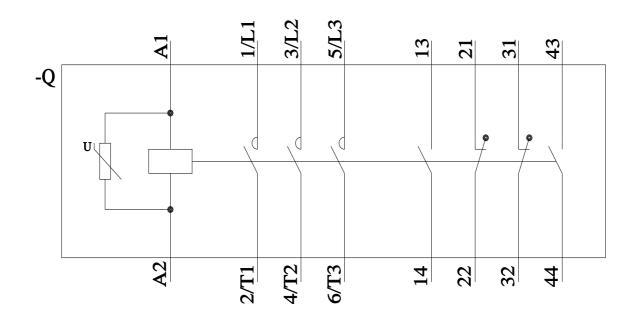
https://support.industry.siemens.com/cs/ww/en/ps/3RT1076-6AB36/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1076-6AB36&objecttype=14&gridview=view1









last modified:

6/25/2022 🖸

8/19/2022