SIEMENS

Product data sheet

3RA2426-8XF32-2AC2

STAR-DELTA COMB. AC3, 22KW/400V AC24V, 50/60HZ, 3-POLE, SZ S0, SPRING-LOADED TERMINAL ELECTR. AND MECH. INTERLOCK 3NO+3NC INTEGR.



General technical data: Product brand name SIRIUS product designation star-delta (wye-delta) contactor assembly 3RA24 Product function wye-delta motor start-up Size of the contactor S0 Protection class IP / on the front IP20 Degree of pollution 3 Insulation voltage / with degree of pollution 3 / rated value V 690 Installation altitude / at a height over sea level / maximum 2,000 m Ambient temperature during transport °C -55 ... 80 • during storage °C -55 ... 80 • during operating °С -25 ... 60 12.5g / 5 ms and 7.8g / 10 ms **Resistance against shock** Impulse voltage resistance / rated value kV 6 Active power loss / per conductor / typical W 1.6 Item designation • according to DIN 40719 extendable after IEC 204-2 / according Κ to IEC 750 • according to DIN EN 61346-2 Q

of the function module for for wyo-della circuits included in the scope of supply RR2027-2AC20 >2/ of the contactor included in the scope of supply SR72027-2AC20 >3/ of the contactor included in the scope of supply SR72027-2AC20 >3/ of the contactor included in the scope of supply SR72027-2AC20 >3/ of the contactor included in the scope of supply SR72027-2AC20 > of the find nontacts / typical SR72027-2AC20 > of the min contacts / typical SR72027-2AC20 > of the contactor included in the scope of supply SR72027-2AC20 > of the min contacts / typical SR72027-2AC20 > of the min contacts / typical SR72027-2AC20 > of the contactor with added surdiany switch block / typical 10,000,000 > of the contactor with added surdiany switch block / typical No > control circuit interface with ID link No Product function S No Number of No contacts / for main contacts No Operating current S S • at AC-1 at 400 V 900 S • at AC-1 at 400 V rated value A S • at AC-2 at 400 V / rated value A S • at AC-2 at 400 V / rated v	Manufacturer article number																																																																																										
scope of supplyImage: scope of supplyImage: scope of supplyImage: scope of supplyImage: scope of supply2.2 (of the contactor included in the scope of supplyImage: scope of supplyImage: scope of supply3 (of the contactor included in the scope of supplyImage: scope of supplyImage: scope of supply4 (of the contactor included in the scope of supplyImage: scope of supplyImage: scope of supply4 (of the contactor included in the scope of supplyImage: scope of supplyImage: scope of supply4 (of the contactor included in the scope of supplyImage: scope of sc			3RA2816-0EW20																																																																																								
 2/ of the contactor included in the scope of supply 3/ of the contactor included in the scope of supply 3/ of the contactor included in the scope of supply 3/ of the RS applied assembly kit 3/ of the RS applied assembly kit 3/ of the satisfier of the RS applied assembly kit 4/ of the main contacts / typical 4/ of the contactor / typical 4/ of the contactor / typical 5/ of the contactor / typical 6/ of the contactor with added auxiliary switch block / typical 6/ of the contactor with added auxiliary switch block / typical 6/ of the contactor with added auxiliary switch block / typical 6/ of the contactor with added auxiliary switch block / typical 6/ of the contactor with added auxiliary switch block / typical 7/ of the contactor with added auxiliary switch block / typical 7/ of the contactor with added auxiliary switch block / typical 7/ of the contactor induced in interface protocol 7/ of the Contactor / for main contacts 7/ of poles / for main contacts 7/ of poles / for main contacts 7/ of poles / for main contacts 7/ of the Contacts / for main contacts 7/ of the Contactor / rated value 7/ of the Contac	-																																																																																										
 3/ of the contactor included in the scope of supply 3/ of the contactor included in the scope of supply of the RS applied assembly kit 3/ AS223-28B2 3/ AS223-28B2 3/ AS223-28B2 4/ AS23-28B2 4/ AS24-28B2 4/ AS24-28B2 4/ AS24-28B2 4/ AS2 4/ AS24-28B2 4/ AS24-284 4/ AS44-284 4/ AS44-284<td> 1 / of the contactor included in the scope of supply </td><td></td><td><u>3RT2027-2AC20</u></td>	 1 / of the contactor included in the scope of supply 		<u>3RT2027-2AC20</u>																																																																																								
of the RS applied assembly kit3RA2923-28B2Mechanical operating cycles as operating time	 2 / of the contactor included in the scope of supply 		<u>3RT2027-2AC20</u>																																																																																								
Mechanical operating cycles as operating time 10,000,000 • of the main contacts / typical 10,000,000 • of the contactor / typical 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 with added auxiliary switch block / typical 10,000,000 • of the contactor with added auxiliary switch block / typical 10,000,000 Communication No • obs-communication No • control circuit interfaces protocol No Munber of poles / for main current circuit 3 Number of NO contacts / for main contacts 0 Number of NO contacts / for main contacts 3 Operating voltage / at AC3 / rated value A • at AC-1 / at 400 V * • at AC-1 / at 400 V A • at AC-2 / at 400 V / rated value A • at AC-1 / at 400 V / rated value A • at AC-1 / at 400 V / rated value A • at AC-1 / at 400 V / rated value A • at AC-1 / at 400 V / rated value A • at AC-1 / at 400	 3 / of the contactor included in the scope of supply 		3RT2026-2AC20																																																																																								
 of the main contacts / typical of the auxiliary contacts / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added auxiliary switch block / typical of the contactor with added adue of the contactor for main current circuit of the contacts / for main contacts of the contactor for main contacts of the contacted value at AC-1 / at do V / rated value	 of the RS applied assembly kit 		3RA2923-2BB2																																																																																								
of the auxiliary contacts' typical10,000,000of the contactor / typical10,000,000of the contactor with added auxiliary switch block / typical10,000,000Communicationobus-communicationNocontrol circuit interface with IO linkNoProtocol / will be supported / AS interface protocolNoMumber of poles / for main current circuit3Number of poles / for main current circuit3Number of NC contacts / for main contacts0Operating current3- at AC-1 / at 400 V690Operating current40- at AC-1 / at 400 VA- at AC-2 / at 400 V / rated valueA- at AC-2 / at 400 V / rated valueA- at AC-2 / at 400 V / rated valueA- at AC-2 / at 400 V / rated valueA- at AC-2 / rated valueA- at AC-3 / rated valueA- at AC-3 / rated valueA- at AC-3 / rated valueA- at 110 V / rated valueA- at 110 V / rated valueA- at 24 V / rated valueA- at 110 V / rated valueA <td>Mechanical operating cycles as operating time</td> <td></td> <td></td>	Mechanical operating cycles as operating time																																																																																										
of the contactor / typical10,000,000of the contactor with added auxiliary switch block / typical10,000,000CommunicationNo•bus-communicationNo•control circuit interface with IO linkNoProtocol / will be supported / AS interface protocolNoMumber of poles / for main current circuit3Number of poles / for main current circuit3Number of NC contacts / for main contacts0Number of NC contacts / for main contacts3Operating surface3Operating surface3Operating surfaceA• at AC-1 / at 400 V690• at AC-2 / rated value / maximumV• at AC-1 / at 400 VA• at AC-1 / at 400 VA• at AC-1 / at 400 VA• at AC-2 / at 400 V / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / rated valueA• at AC-3 / rated valueA• at 110 V / rated valueA• with 3 current paths in series / at DC-1I• at 24 V / rated valueA• at 110 V / rated valueA <td>of the main contacts / typical</td> <td></td> <td>10,000,000</td>	of the main contacts / typical		10,000,000																																																																																								
• of the contactor with added auxiliary switch block / typical 10.000,000 Communication: No Product function No • bus-communication No • control circuit interface with IO link No Protocol / will be supported / AS interface protocol No Main circuit: No Number of poles / for main current circuit 3 Number of NO contacts / for main contacts 0 Operating outged / at AC-3 / rated value / maximum V 690 Operating current 40 35 • at AC-1 / at 400 V A 35 • at AC-2 / at 400 V / rated value A 40 • at AC-3 / at 400 V / rated value A 35 • at AC-2 / at 400 V / rated value A 40 • at AC-2 / at 400 V / rated value A 35 • at AC-3 / at 400 V / rated value A 35 • at AC-3 / at 400 V / rated value A 35 • at AC-3 / at 400 V / rated value A 35 • at AC-3 / at 400 V / rated value A 35 • at 110 V / rated value A 35 • at 110	of the auxiliary contacts / typical		10,000,000																																																																																								
Communication: Product function • bus-communication • control circuit interface with IO link Protocol / will be supported / AS interface protocol Number of poles / for main current circuit Number of NC contacts / for main contacts Number of NC contacts / for main contacts Operating voltage / at AC-3 / rated value / maximum V 6900 Operating current • at AC-1 / at 400 V • at AC-2 / at 400 V / rated value • at AC-2 / at 400 V / rated value • at AC-2 / at 400 V / rated value • at AC-3 / at 40 value • at 110 V / rated value • at 24 V / rated value • at 110 V / rated value •	of the contactor / typical		10,000,000																																																																																								
Product functionNo• bus-communicationNo• control circuit interface with IO linkNoProtocol / will be supported / AS interface protocolNoMain circuit:NoMumber of poles / for main current circuit3Number of NC contacts / for main contacts0Number of NO contacts / for main contacts3Operating voltage / at AC-3 / rated value / maximumV• at AC-1 / at 400 V690• at AC-1 / at 400 VA• at AC-2 / at 400 V / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at 110 V / rated valueA•	of the contactor with added auxiliary switch block / typical		10,000,000																																																																																								
bus-communicationImage: set of the set of	Communication:																																																																																										
• control circuit interface with I/D linkNoProtocol / will be supported / AS interface protocolNoMumber of poles / for main current circuit3Number of poles / for main current circuit3Number of NC contacts / for main contacts0Number of NO contacts / for main contacts0Operating voltage / at AC-3 / rated value / maximumVof tAC-1 / at 400 V690• at AC-1 / at 400 V-• at AC-1 / at 400 VA• at AC-2 / rated valueA0 Combinent temperature / rated valueA0 A35• at AC-2 / at 400 V / rated valueA• at AC-2 / at 400 V / rated valueA0 A35• at AC-2 / at 400 V / rated valueA0 A35• at AC-2 / at 400 V / rated valueA0 A35• at AC-2 / at 400 V / rated valueA0 A35• at AC-2 / at 400 V / rated valueA1 Current path / at DC-1	Product function																																																																																										
Protocol / will be supported / AS interface protocol No Main circuit: 3 Number of poles / for main current circuit 3 Number of NC contacts / for main contacts 0 Number of NO contacts / for main contacts 3 Operating voltage / at AC-3 / rated value / maximum V 690 Operating current 4 690 • at AC-1 / at 400 V - - • at 40 °C ambient temperature / rated value A 40 • at AC-2 / at 400 V / rated value A 40 • at AC-2 / at 400 V / rated value A 40 • at AC-3 / rated value A 40 • at AC-2 / at 400 V / rated value A 40 • at AC-2 / at 400 V / rated value A 40 • at AC-3 / rated value A 40 • at AC-3 / rated value A 45 • with 1 current path / at DC-1 - - • at 24 V / rated value A 35 • with 2 current paths in series / at DC-1 - - • at 24 V / rated value A 35 • atit 10 V / rated value A 35	bus-communication		No																																																																																								
Main circuit: 3 Number of Doles / for main current circuit 3 Number of NC contacts / for main contacts 0 Number of NO contacts / for main contacts 3 Operating voltage / at AC-3 / rated value / maximum V 690 Operating current • • • at AC-1 / at 400 V • • • at AC *C / arbient temperature / rated value A 40 • at AC *C / arbient temperature / rated value A 40 • at AC *C / at 400 V / rated value A 40 • at AC *C / at 400 V / rated value A 40 • at AC *C / at 400 V / rated value A 40 • at AC *C / at 400 V / rated value A 40 • at AC *C / at 400 V / rated value A 40 • at AC *C / at 400 V / rated value A 40 • at AC *C / at 400 V / rated value A 40 • at AC *C / at 400 V / rated value A 40 • at 110 V / rated value A 35 • with 2 current paths in series / at DC-1 - - • at 24 V / rated value A 35 • w	control circuit interface with IO link		No																																																																																								
Number of poles / for main current circuit3Number of NC contacts / for main contacts0Number of NC contacts / for main contacts3Operating voltage / at AC-3 / rated value / maximumV690Operating currentV690• at AC-1 / at 400 VA40• at AC '' ambient temperature / rated valueA40• at 60 °C ambient temperature / rated valueA40• at AC-2 / at 400 V / rated valueA40• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA35• at AC-3 / at 400 V / rated valueA35• at AC-3 / at 400 V / rated valueA35• at AC-1 / rated valueA35• at AC-3 / at 400 V / rated valueA35• at AC-1 / rated valueA35• at AC-1 / rated valueA35• at 24 V / rated valueA35• with 1 current path / at DC-1A35• with 2 current paths in series / at DC-1A35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35 <tr <th="">35<!--</td--><td>Protocol / will be supported / AS interface protocol</td><td></td><td>No</td></tr> <tr><td>Number of NC contacts / for main contacts0Number of NO contacts / for main contacts3Operating voltage / at AC-3 / rated value / maximumV690Operating current • at AC-1 / at 400 V • at 40 °C ambient temperature / rated valueA40• at AC-1 / at 400 V • at 40 °C ambient temperature / rated valueA40• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA35• at AC-3 / at 400 V / rated valueA35• at 24 V / rated valueA35• at 24 V / rated valueA35• with 2 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35• with 1 current path / at DC-3 / at DC-5A35</td><td>Main circuit:</td><td></td><td></td></tr> <tr><td>Number of NO contacts / for main contacts3Operating voltage / at AC-3 / rated value / maximumV690Operating current • at AC-1 / at 400 VA40• at AC 0 °C ambient temperature / rated valueA40• at 40 °C ambient temperature / rated valueA35• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA45• with 1 current path / at DC-1</td><td>Number of poles / for main current circuit</td><td></td><td>3</td></tr> <tr><td>Operating voltage / at AC-3 / rated value / maximumV690Operating current• at AC-1 / at 400 V-• at AC 0 °C ambient temperature / rated valueA40• at 40 °C ambient temperature / rated valueA35• at AC 2 / at 400 V / rated valueA40• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• at AC-3 / at 400 V / rated valueA35• at AC-3 / at 400 V / rated valueA35• at AC-3 / at 400 V / rated valueA35• with 1 current path / at DC-1• at 24 V / rated valueA35• with 2 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1-• at 24 V / rated valueA35• with 3 current paths in series / at DC-1-• at 24 V / rated valueA35• with 1 current path / at DC-3 / at DC-5-• with 1 current path / at DC-3 / at DC-5-<t< td=""><td>Number of NC contacts / for main contacts</td><td></td><td>0</td></t<></td></tr> <tr><td>Operating currentA• at AC-1 / at 400 VA• at AC or C ambient temperature / rated valueA• at 40 °C ambient temperature / rated valueA• at 60 °C ambient temperature / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at 24 V / rated valueA• at 24 V / rated valueA• with 2 current paths in series / at DC-1</td><td>Number of NO contacts / for main contacts</td><td>_</td><td>3</td></tr> <tr><td> at AC-1 / at 400 V at 40 °C ambient temperature / rated value A 40 at 60 °C ambient temperature / rated value A 35 at AC-2 / at 400 V / rated value A 40 at AC-3 / at 400 V / rated value A 17 with 1 current path / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 at 110 V / rated value A 35 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 with 3 current paths in series / at DC-1 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 with 3 current path in series / at DC-1 at 110 V / rated value A 35 with 1 current path / at DC-3 / at DC-5 </td><td>Operating voltage / at AC-3 / rated value / maximum</td><td>V</td><td>690</td></tr> <tr><td>• at 40 °C ambient temperature / rated valueA40• at 60 °C ambient temperature / rated valueA35• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• with 1 current path / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1• at 24 V / rated valueA35• with 2 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 1 current paths in Series / at DC-1• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5</td><td>Operating current</td><td></td><td></td></tr> <tr><td>• at 60 °C ambient temperature / rated valueA35• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• at AC-3 / at 400 V / rated valueA35• with 1 current path / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5</td><td>• at AC-1 / at 400 V</td><td></td><td></td></tr> <tr><td>• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• with 1 current path / at DC-1A35• at 24 V / rated valueA4.5• at 110 V / rated valueA35• at 110 V / rated valueA35• at 24 V / rated valueA35• with 2 current paths in series / at DC-1A35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 124 V / rated valueA35• with 3 current paths in series / at DC-1A35• with 3 current paths in series / at DC-1A35• with 3 current paths in series / at DC-1A35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• with 1 current paths in series / at DC-1A35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35</td><td> at 40 °C ambient temperature / rated value </td><td>А</td><td>40</td></tr> <tr><td>• at AC-3 / at 400 V / rated valueA17• with 1 current path / at DC-1A35• at 24 V / rated valueA4.5• at 110 V / rated valueA35• with 2 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35</td><td>• at 60 °C ambient temperature / rated value</td><td>А</td><td>35</td></tr> <tr><td> with 1 current path / at DC-1 at 24 V / rated value at 110 V / rated value A 35 at 110 V / rated value A 4.5 at 24 V / rated value A 35 at 110 V / rated value A 35 <</td><td>• at AC-2 / at 400 V / rated value</td><td>А</td><td>40</td></tr> <tr><td>• at 24 V / rated valueA35• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35</td><td>• at AC-3 / at 400 V / rated value</td><td>А</td><td>17</td></tr> <tr><td>• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35</td><td>• with 1 current path / at DC-1</td><td></td><td></td></tr> <tr><td> with 2 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 at 110 V / rated value A 35 A 40 A</td><td>• at 24 V / rated value</td><td>А</td><td>35</td></tr> <tr><td>• at 24 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5</td><td>• at 110 V / rated value</td><td>А</td><td>4.5</td></tr> <tr><td>• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5II</td><td>• with 2 current paths in series / at DC-1</td><td></td><td></td></tr> <tr><td> with 3 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 A 35 </td><td>• at 24 V / rated value</td><td>А</td><td>35</td></tr> <tr><td>• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5</td><td>• at 110 V / rated value</td><td>А</td><td>35</td></tr> <tr><td>• at 110 V / rated value A 35 • with 1 current path / at DC-3 / at DC-5</td><td>• with 3 current paths in series / at DC-1</td><td></td><td></td></tr> <tr><td>• with 1 current path / at DC-3 / at DC-5</td><td>• at 24 V / rated value</td><td>А</td><td>35</td></tr> <tr><td></td><td>• at 110 V / rated value</td><td>А</td><td>35</td></tr> <tr><td>• at 24 V / rated value A 20</td><td>• with 1 current path / at DC-3 / at DC-5</td><td></td><td></td></tr> <tr><td></td><td>• at 24 V / rated value</td><td>А</td><td>20</td></tr>	Protocol / will be supported / AS interface protocol		No	Number of NC contacts / for main contacts0Number of NO contacts / for main contacts3Operating voltage / at AC-3 / rated value / maximumV690Operating current • at AC-1 / at 400 V • at 40 °C ambient temperature / rated valueA40• at AC-1 / at 400 V • at 40 °C ambient temperature / rated valueA40• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA35• at AC-3 / at 400 V / rated valueA35• at 24 V / rated valueA35• at 24 V / rated valueA35• with 2 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35• with 1 current path / at DC-3 / at DC-5A35	Main circuit:			Number of NO contacts / for main contacts3Operating voltage / at AC-3 / rated value / maximumV690Operating current • at AC-1 / at 400 VA40• at AC 0 °C ambient temperature / rated valueA40• at 40 °C ambient temperature / rated valueA35• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA45• with 1 current path / at DC-1	Number of poles / for main current circuit		3	Operating voltage / at AC-3 / rated value / maximumV690Operating current• at AC-1 / at 400 V-• at AC 0 °C ambient temperature / rated valueA40• at 40 °C ambient temperature / rated valueA35• at AC 2 / at 400 V / rated valueA40• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• at AC-3 / at 400 V / rated valueA35• at AC-3 / at 400 V / rated valueA35• at AC-3 / at 400 V / rated valueA35• with 1 current path / at DC-1• at 24 V / rated valueA35• with 2 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1-• at 24 V / rated valueA35• with 3 current paths in series / at DC-1-• at 24 V / rated valueA35• with 1 current path / at DC-3 / at DC-5-• with 1 current path / at DC-3 / at DC-5- <t< td=""><td>Number of NC contacts / for main contacts</td><td></td><td>0</td></t<>	Number of NC contacts / for main contacts		0	Operating currentA• at AC-1 / at 400 VA• at AC or C ambient temperature / rated valueA• at 40 °C ambient temperature / rated valueA• at 60 °C ambient temperature / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at 24 V / rated valueA• at 24 V / rated valueA• with 2 current paths in series / at DC-1	Number of NO contacts / for main contacts	_	3	 at AC-1 / at 400 V at 40 °C ambient temperature / rated value A 40 at 60 °C ambient temperature / rated value A 35 at AC-2 / at 400 V / rated value A 40 at AC-3 / at 400 V / rated value A 17 with 1 current path / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 at 110 V / rated value A 35 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 with 3 current paths in series / at DC-1 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 with 3 current path in series / at DC-1 at 110 V / rated value A 35 with 1 current path / at DC-3 / at DC-5 	Operating voltage / at AC-3 / rated value / maximum	V	690	• at 40 °C ambient temperature / rated valueA40• at 60 °C ambient temperature / rated valueA35• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• with 1 current path / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1• at 24 V / rated valueA35• with 2 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 1 current paths in Series / at DC-1• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5	Operating current			• at 60 °C ambient temperature / rated valueA35• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• at AC-3 / at 400 V / rated valueA35• with 1 current path / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5	• at AC-1 / at 400 V			• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• with 1 current path / at DC-1A35• at 24 V / rated valueA4.5• at 110 V / rated valueA35• at 110 V / rated valueA35• at 24 V / rated valueA35• with 2 current paths in series / at DC-1A35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 124 V / rated valueA35• with 3 current paths in series / at DC-1A35• with 3 current paths in series / at DC-1A35• with 3 current paths in series / at DC-1A35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• with 1 current paths in series / at DC-1A35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35	 at 40 °C ambient temperature / rated value 	А	40	• at AC-3 / at 400 V / rated valueA17• with 1 current path / at DC-1A35• at 24 V / rated valueA4.5• at 110 V / rated valueA35• with 2 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35	• at 60 °C ambient temperature / rated value	А	35	 with 1 current path / at DC-1 at 24 V / rated value at 110 V / rated value A 35 at 110 V / rated value A 4.5 at 24 V / rated value A 35 at 110 V / rated value A 35 <	• at AC-2 / at 400 V / rated value	А	40	• at 24 V / rated valueA35• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35	• at AC-3 / at 400 V / rated value	А	17	• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35	• with 1 current path / at DC-1			 with 2 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 at 110 V / rated value A 35 A 40 A	• at 24 V / rated value	А	35	• at 24 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5	• at 110 V / rated value	А	4.5	• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5II	• with 2 current paths in series / at DC-1			 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 A 35 	• at 24 V / rated value	А	35	• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5	• at 110 V / rated value	А	35	• at 110 V / rated value A 35 • with 1 current path / at DC-3 / at DC-5	• with 3 current paths in series / at DC-1			• with 1 current path / at DC-3 / at DC-5	• at 24 V / rated value	А	35		• at 110 V / rated value	А	35	• at 24 V / rated value A 20	• with 1 current path / at DC-3 / at DC-5				• at 24 V / rated value	А	20
Protocol / will be supported / AS interface protocol		No																																																																																									
Number of NC contacts / for main contacts0Number of NO contacts / for main contacts3Operating voltage / at AC-3 / rated value / maximumV690Operating current • at AC-1 / at 400 V • at 40 °C ambient temperature / rated valueA40• at AC-1 / at 400 V • at 40 °C ambient temperature / rated valueA40• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA35• at AC-3 / at 400 V / rated valueA35• at 24 V / rated valueA35• at 24 V / rated valueA35• with 2 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 3 current paths in series / at DC-1 • at 24 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35• with 1 current path / at DC-3 / at DC-5A35	Main circuit:																																																																																										
Number of NO contacts / for main contacts3Operating voltage / at AC-3 / rated value / maximumV690Operating current • at AC-1 / at 400 VA40• at AC 0 °C ambient temperature / rated valueA40• at 40 °C ambient temperature / rated valueA35• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA45• with 1 current path / at DC-1	Number of poles / for main current circuit		3																																																																																								
Operating voltage / at AC-3 / rated value / maximumV690Operating current• at AC-1 / at 400 V-• at AC 0 °C ambient temperature / rated valueA40• at 40 °C ambient temperature / rated valueA35• at AC 2 / at 400 V / rated valueA40• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• at AC-3 / at 400 V / rated valueA35• at AC-3 / at 400 V / rated valueA35• at AC-3 / at 400 V / rated valueA35• with 1 current path / at DC-1• at 24 V / rated valueA35• with 2 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1-• at 24 V / rated valueA35• with 3 current paths in series / at DC-1-• at 24 V / rated valueA35• with 1 current path / at DC-3 / at DC-5-• with 1 current path / at DC-3 / at DC-5- <t< td=""><td>Number of NC contacts / for main contacts</td><td></td><td>0</td></t<>	Number of NC contacts / for main contacts		0																																																																																								
Operating currentA• at AC-1 / at 400 VA• at AC or C ambient temperature / rated valueA• at 40 °C ambient temperature / rated valueA• at 60 °C ambient temperature / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-2 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at AC-3 / at 400 V / rated valueA• at 24 V / rated valueA• at 24 V / rated valueA• with 2 current paths in series / at DC-1	Number of NO contacts / for main contacts	_	3																																																																																								
 at AC-1 / at 400 V at 40 °C ambient temperature / rated value A 40 at 60 °C ambient temperature / rated value A 35 at AC-2 / at 400 V / rated value A 40 at AC-3 / at 400 V / rated value A 17 with 1 current path / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 at 110 V / rated value A 35 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 with 3 current paths in series / at DC-1 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 with 3 current path in series / at DC-1 at 110 V / rated value A 35 with 1 current path / at DC-3 / at DC-5 	Operating voltage / at AC-3 / rated value / maximum	V	690																																																																																								
• at 40 °C ambient temperature / rated valueA40• at 60 °C ambient temperature / rated valueA35• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• with 1 current path / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1• at 24 V / rated valueA35• with 2 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 110 V / rated valueA35• with 1 current paths in Series / at DC-1• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5	Operating current																																																																																										
• at 60 °C ambient temperature / rated valueA35• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• at AC-3 / at 400 V / rated valueA35• with 1 current path / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5	• at AC-1 / at 400 V																																																																																										
• at AC-2 / at 400 V / rated valueA40• at AC-3 / at 400 V / rated valueA17• with 1 current path / at DC-1A35• at 24 V / rated valueA4.5• at 110 V / rated valueA35• at 110 V / rated valueA35• at 24 V / rated valueA35• with 2 current paths in series / at DC-1A35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 124 V / rated valueA35• with 3 current paths in series / at DC-1A35• with 3 current paths in series / at DC-1A35• with 3 current paths in series / at DC-1A35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• with 1 current paths in series / at DC-1A35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35	 at 40 °C ambient temperature / rated value 	А	40																																																																																								
• at AC-3 / at 400 V / rated valueA17• with 1 current path / at DC-1A35• at 24 V / rated valueA4.5• at 110 V / rated valueA35• with 2 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35	• at 60 °C ambient temperature / rated value	А	35																																																																																								
 with 1 current path / at DC-1 at 24 V / rated value at 110 V / rated value A 35 at 110 V / rated value A 4.5 at 24 V / rated value A 35 at 110 V / rated value A 35 <	• at AC-2 / at 400 V / rated value	А	40																																																																																								
• at 24 V / rated valueA35• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35	• at AC-3 / at 400 V / rated value	А	17																																																																																								
• at 110 V / rated valueA4.5• with 2 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5A35	• with 1 current path / at DC-1																																																																																										
 with 2 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 at 110 V / rated value A 35 A 40 A	• at 24 V / rated value	А	35																																																																																								
• at 24 V / rated valueA35• at 110 V / rated valueA35• with 3 current paths in series / at DC-1• at 24 V / rated valueA35• at 110 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5	• at 110 V / rated value	А	4.5																																																																																								
• at 110 V / rated valueA35• with 3 current paths in series / at DC-1A35• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5II	• with 2 current paths in series / at DC-1																																																																																										
 with 3 current paths in series / at DC-1 at 24 V / rated value A 35 at 110 V / rated value A 35 A 35 	• at 24 V / rated value	А	35																																																																																								
• at 24 V / rated valueA35• at 110 V / rated valueA35• with 1 current path / at DC-3 / at DC-5	• at 110 V / rated value	А	35																																																																																								
• at 110 V / rated value A 35 • with 1 current path / at DC-3 / at DC-5	• with 3 current paths in series / at DC-1																																																																																										
• with 1 current path / at DC-3 / at DC-5	• at 24 V / rated value	А	35																																																																																								
	• at 110 V / rated value	А	35																																																																																								
• at 24 V / rated value A 20	• with 1 current path / at DC-3 / at DC-5																																																																																										
	• at 24 V / rated value	А	20																																																																																								

• at 110 V / rated value	А	2.5
• with 2 current paths in series / at DC-3 / at DC-5		
• at 24 V / rated value	А	35
• at 110 V / rated value	А	15
• with 3 current paths in series / at DC-3 / at DC-5		
• at 24 V / rated value	А	35
• at 110 V / rated value	А	35
Service power	_	
• at AC-2 / at 400 V / rated value	kW	18.5
• at AC-3		
• at 400 V / rated value	kW	22
• at 500 V / rated value	kW	18.5
• at 690 V / rated value	kW	22
• at AC-4 / at 400 V / rated value	kW	4.4
Off-load operating frequency	1/h	15
Frequency of operation		
• at AC-1 / according to IEC 60947-6-2 / maximum	1/h	1,000
• at AC-2 / according to IEC 60947-6-2 / maximum	1/h	1,000
• at AC-3 / according to IEC 60947-6-2 / maximum	1/h	1,000
• at AC-4 / according to IEC 60947-6-2 / maximum	1/h	300

Design of activation		conventional
Type of voltage / of the controlled supply voltage		AC
Control supply voltage frequency		
• 1 / rated value	Hz	50
• 2 / rated value	Hz	60
Control supply voltage / 1		
• at 50 Hz / for AC / rated value	V	24
• at 60 Hz / for AC / rated value	V	24
Operating range factor control supply voltage rated value / of the solenoid		
• at 50 Hz / for AC		0.8 1.1
• at 60 Hz / for AC		0.8 1.1
Apparent pull-in power / of the solenoid / for AC	V·A	65
Apparent holding power / of the solenoid / for AC	V·A	8.5
Inductive power factor	_	
• with the pull-in power of the coil		0.82
		0.25

Product extension / auxiliary switch		No
Contact reliability / of the auxiliary contacts		< 1 error per 100 million operating cycles
Number of NC contacts / for auxiliary contacts		
 instantaneous switching 		3
lagging switching		0
Number of NO contacts / for auxiliary contacts		
 instantaneous switching 		3
leading switching		0
Operating current / of the auxiliary contacts		
• at AC-12 / maximum	А	10
• at AC-15		
• at 230 V	А	6
• at 400 V	А	3
• at DC-12		
• at 48 V	А	6
• at 60 V	А	6
• at 110 V	А	3
• at 220 V	А	1
• at DC-13		
• at 24 V	А	10
• at 48 V	А	2
• at 60 V	А	2
• at 110 V	А	1
• at 220 V	А	0.3

Short-circuit:

Design of the fuse link	
for short-circuit protection of the main circuit	
 with type of assignment 1 / required 	gL/gG LV HRC 3NA, DIAZED 5SB, NEOZED 5SE: 100 A
at type of coordination 2 / required	gL/gG LV HRC 3NA, DIAZED 5SB, NEOZED 5SE: 35 A
• for short-circuit protection of the auxiliary switch / required	fuse gL/gG: 10 A

Installation/mounting/dimensions:			
Built in orientation		any	
Type of mounting		screw and snap-on mounting onto 35 mm standard mounting rail	
Width	mm	135	
Height	mm	114	
Depth	mm	171	

	_	
Distance, to be maintained, to the ranks assembly		
• forwards	mm	6
backwards	mm	0
• upwards	mm	6
• downwards	mm	6
• sidewards	mm	6
Distance, to be maintained, to earthed part		
• forwards	mm	6
backwards	mm	0
• upwards	mm	6
• downwards	mm	6
• sidewards	mm	6
Distance, to be maintained, conductive elements		
• forwards	mm	6
backwards	mm	0
• upwards	mm	6
• downwards	mm	6
• sidewards	mm	6

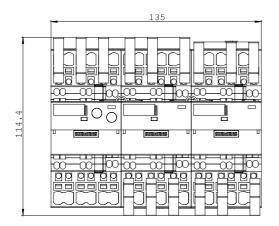
Design of the electrical connection	
for main current circuit	spring-loaded terminals
 for auxiliary and control current circuit 	spring-loaded terminals
Type of the connectable conductor cross-section	
for main contacts	
• solid	2x (1 10 mm²)
• stranded	2x (1 10 mm²)
finely stranded	
 with conductor end processing 	2x (1 6 mm²)
 without conductor final cutting 	2x (1 6 mm²)
for AWG conductors / for main contacts	1x (18 8)
for auxiliary contacts	
• solid	2x (0.5 2.5 mm²)
finely stranded	
 with conductor end processing 	2x (0.5 1.5 mm²)
 without conductor final cutting 	2x (0.5 1.5 mm²)
 for AWG conductors / for auxiliary contacts 	2x (20 14)
Certificates/approvals:	
Verification of suitability	CE / UL / CSA / CCC

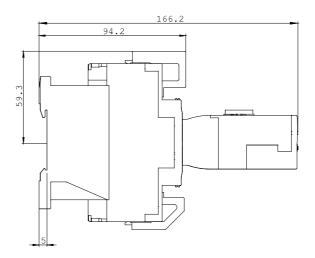
General Product Approval	Test Certificates				
ROSTEST	Manufacturer				
Shipping Approval					
ABS		GL	Lloyd's Kegister Lrs	PRS	RINA
Shipping Approval	other				
RMRS	other				

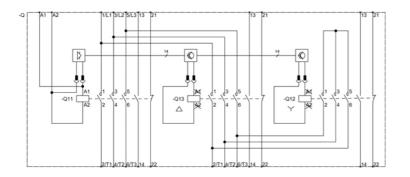
UL/CSA ratings		
Contact rating designation / for auxiliary contacts / according to UL		A600 / Q600
Safety:		
B10 value / with high demand rate		
according to SN 31920		1,000,000
Failure rate (FIT value) / with low demand rate		
according to SN 31920	FIT	100
Proportion of dangerous failures		
• with low demand rate / according to SN 31920	%	40
• with high demand rate / according to SN 31920	%	75
T1 value / for proof test interval or service life		
according to IEC 61508	а	20
Protection against electrical shock		finger-safe
Further information:		
Information- and Downloadcenter (Catalogs, Brochures,) http://www.siemens.com/industrial-controls/catalogs		
Industry Mall (Online ordering system) http://www.siemens.com/industrial-controls/mall		
CAx-Online-Generator http://www.siemens.com/cax		

http://support.automation.siemens.com/WW/view/en/3RA2426-8XF32-2AC2/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA2426-8XF32-2AC2







last change:

Oct 24, 2011