## **SIEMENS**

Data sheet 3RA6250-0EB30



SIRIUS Compact load feeder Reversing starter 400 V 24 V AC/DC 50...60 Hz 8...32 A IP20 Connection main circuit: plug-in, without terminals Connection control circuit: plug-in, without terminals

product designation cempact starter  design of the product reversing starter  product type designation SRA62  Ceneral technical data  product function control circuit interface to parallel wiring yes  product extension auxiliary switch Yes  power loss [W] for rated value of the current  • at AC in hot operating state e prople 1.8 W  • without load current share typical 3.5 W  insulation voltage rated value 690 V  degree of pollution 3  surge voltage resistance rated value 600 V  maximum permissible voltage for protective separation  • between main and auxiliary circuit 400 V  • between enablinary circuit 250 V  • between control and auxiliary circuit 300 V  degree of protection NEMA rating 500 V  degree of protection NEMA rating 500 V  • between control and auxiliary circuit 400 V  • between control and auxiliary circuit 500 V  • between control and auxiliary	product brand name	SIRIUS
product type designation  General technical data  product function control circuit interface to parallel wiring product function control circuit interface to parallel wiring product function control circuit interface to parallel wiring product extension auxiliary switch  **Yes  power loss [W] for rated value of the current  **at AC in hot operating state per pole  **at AC in hot operating state per pole  **without load current share typical  insulation voltage rated value  **degree of pollution  surge voltage resistance rated value  **degree of pollution  **surge voltage resistance rated value  **between auxiliary circuit petween auxiliary circuit  **between auxiliary and auxiliary circuit  **between control and auxiliary circuit  **between control and auxiliary circuit  **between control and auxiliary circuit  **shock resistance  **shock resistance  **a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes  **without on resistance file (operating cycles)  **of the main contacts typical  **of the spinaling contact typical  **of the spinalin	product designation	compact starter
Product function control circuit interface to parallel wiring	design of the product	reversing starter
product function control circuit interface to parallel wiring product extension auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole • without load current sharet typical • without load current sharet typical  insulation voltage rated value  degree of poliution • between facility circuit • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between control and auxiliary circuit • between the control and auxiliary circuit • between the control and auxiliary circuit • between control and auxiliary circuit • between control and auxiliary circuit • between control and auxiliary circuit • about resistance	product type designation	3RA62
product extension auxiliary switch power loss [W] for rated value of the current  at AC in hot operating state	General technical data	
power loss [W] for rated value of the current  at AC in hot operating state 5.4 W  at AC in hot operating state per pole 1.8 W  without load current share typical 3.5 W  insulation voltage rated value 690 V  degree of pollution 3  surge voltage resistance rated value 6000 V  maximum permissible voltage for protective separation  • between main and auxiliary circuit 400 V  • between auxiliary and auxiliary circuit 250 V  • between control and auxiliary circuit 300 V  degree of protection NEMA rating 500 other seistance 6 can 6 m/s2 (6g) with 10 ms per 3 shocks in all axes  vibration resistance 6 can 6 m/s2 (6g) with 10 ms per 3 shocks in all axes  vibration resistance 7 can 6 ms 2 can 6 c	product function control circuit interface to parallel wiring	Yes
at AC in hot operating state   at AC in hot operating state per pole   without load current share typical   insulation voltage radd value   690 V  degree of pollution   3 surge voltage resistance rated value   6000 V  maximum permissible voltage for protective separation   between main and auxiliary circuit   400 V  between auxiliary and auxiliary circuit   50 between auxiliary and auxiliary circuit   50 between auxiliary and auxiliary circuit   50 between auxiliary and auxiliary circuit   50 between auxiliary circuit   50 between auxiliary circuit   50 between auxiliary circuit   50 between auxiliary auxiliary auxiliary circuit   50 between auxiliary auxiliary auxiliary auxiliary circuit   60 outher auxiliary auxiliary auxiliary auxiliary circuit   60 outher auxiliary auxiliary auxiliary auxiliary circuit   60 outher auxiliary contacts typical   60 outher auxiliary contacts typical   60 outher auxiliary contacts typical   60 outher auxiliary contacts auxiliary contacts   60 outher auxiliary contacts typical   60 outher auxiliary contacts auxiliary contacts   60 outher auxiliary	product extension auxiliary switch	Yes
at AC in hot operating state per pole  without load current share typical insulation voltage rated value 680 V degree of pollution 3 surge voltage resistance rated value 6000 V maximum permissible voltage for protective separation between main and auxiliary circuit 6000 V  between auxiliary and auxiliary circuit 250 V between control and auxiliary circuit 300 V degree of protection NEMA rating shock resistance 1 = 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s²; 10 cycles mechanical service life (operating cycles) of the main contacts typical 10 000 000 of auxiliary contacts typical 10 000 000 electrical endurance (operating cycles) of auxiliary contacts at AC-15 at 6 A at 24 V typical 20 000 type of assignment continous operation continous operation according to IEC 81346-2 Q Substance Prohibitance (Date) 6 installation altitude at height above sea level maximum ambient temperature during poration -20 +60 °C -45 +80 °C -16 atte for minimum and auxiliary cortact relative humidity during operation 10 90 % Main circuit  1 at AC-15 +60 °C -15 +80 °C -16 atte humidity during operation 10 90 % Main circuit	power loss [W] for rated value of the current	
without load current share typical     insulation voltage rated value     degree of pollution     surge voltage resistance rated value	<ul> <li>at AC in hot operating state</li> </ul>	5.4 W
insulation voltage rated value degree of pollution surge voltage resistance rated value 6 000 V maximum permissible voltage for protective separation • between main and auxiliary circuit • between naviliary and auxiliary circuit • between control and auxiliary circuit • between control and auxiliary circuit 300 V • between control and auxiliary circuit shock resistance a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes vibration resistance f= 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s²; 10 cycles mechanical service life (operating cycles) • of the main contacts typical • of auxiliary contacts typical • of auxiliary contacts typical • of the signaling contacts typical • of the signaling contacts typical • of the A at 24 V typical • at DC-13 at 6 A at 24 V typical • at AC-15 at 6 A at 23 V typical • at AC-15 at 6 A at 230 V typical • other conditions reference code according to IEC 81346-2 Quuring transport continuous operation according to IEC 60947-6-2 reference code according to IEC 81346-2 Quuring transport • during operation • during storage • during transport -55 +80 °C -61 wind transport relative humidity during operation  Main circuit	<ul> <li>at AC in hot operating state per pole</li> </ul>	1.8 W
degree of pollution surge voltage resistance rated value maximum permissible voltage for protective separation • between main and auxiliary circuit • between auxiliary and auxiliary circuit • between control and auxiliary circuit • between control and auxiliary circuit • between control and auxiliary circuit  degree of protection NEMA rating shock resistance  = 60 m/s2 (6g) with 10 ms per 3 shocks in all axes  vibration resistance  = 60 m/s2 (6g) with 10 ms per 3 shocks in all axes  vibration resistance  = 60 m/s2 (6g) with 10 ms per 3 shocks in all axes  vibration resistance  = 60 m/s2 (6g) with 10 ms per 3 shocks in all axes  vibration resistance  = 60 m/s2 (6g) with 10 ms per 3 shocks in all axes  vibration resistance  = 60 m/s2 (6g) with 10 ms per 3 shocks in all axes  = 60 m/s2 (6g)	<ul> <li>without load current share typical</li> </ul>	3.5 W
surge voltage resistance rated value  maximum permissible voltage for protective separation  • between anian and auxiliary circuit  • between auxiliary and auxiliary circuit  • between control and auxiliary circuit  • other  shock resistance  • a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes  vibration resistance  • f= 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s², 10 cycles  mechanical service life (operating cycles)  • of the main contacts typical  • of auxiliary contacts typical  • of the signaling contacts typical  • of the signaling contacts typical  • of the signaling contacts typical  • at DC-13 at 6 A at 24 V typical  • at AC-15 at 6 A at 230 V typical  • at AC-15 at 6 A at 230 V typical  • at AC-15 at 6 A at 230 V typical  • ontinous operation according to IEC 60947-6-2  Treference code according to IEC 81346-2  Q  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  -55 +80 °C  relative humidity during operation  10 90 %  Main circuit	insulation voltage rated value	690 V
maximum permissible voltage for protective separation  • between main and auxiliary circuit • between auxiliary and auxiliary circuit • between control and auxiliary circuit • between control and auxiliary circuit 300 V  degree of protection NEMA rating other shock resistance  a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes vibration resistance  f= 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s²; 10 cycles  mechanical service life (operating cycles) • of the main contacts typical • of the signaling contacts typical 10 000 000 • of auxiliary contacts typical 10 000 000 • of the signaling contacts typical 10 000 000  electrical endurance (operating cycles) of auxiliary contacts • at DC-13 at 6 A at 24 V typical 200 000  type of assignment continous operation according to IEC 81346-2 Q Substance Prohibitance (Date) 05/01/2012  Ambient conditions installation altitude at height above sea level maximum 2 000 m  ambient temperature • during torage • during transport -55 +80 °C relative humidity during operation 10 90 %  Main circuit	degree of pollution	3
between auxiliary and auxiliary circuit between control and auxiliary circuit between control and auxiliary circuit  degree of protection NEMA rating other shock resistance a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes vibration resistance f= 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s²; 10 cycles  mechanical service life (operating cycles) of the main contacts typical of auxiliary contacts typical of the signaling contacts typical of the signaling contacts typical of the signaling contacts typical lelectrical endurance (operating cycles) of auxiliary contacts at DC-13 at 6 A at 24 V typical at AC-15 at 6 A at 230 V typical at AC-15 at 6 A at 230 V typical continous operation according to IEC 60947-6-2  Substance Prohibitance (Date)  Ambient conditions installation altitude at height above sea level maximum ambient temperature oluring storage oluring transport -55 +80 °C relative humidity during operation  10 90 %  Main circuit	surge voltage resistance rated value	6 000 V
between auxiliary and auxiliary circuit     between control and auxiliary circuit     other     degree of protection NEMA rating     shock resistance	maximum permissible voltage for protective separation	
between control and auxiliary circuit      degree of protection NEMA rating     shock resistance	<ul> <li>between main and auxiliary circuit</li> </ul>	400 V
degree of protection NEMA rating shock resistance a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes vibration resistance f= 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s²; 10 cycles  mechanical service life (operating cycles) of the main contacts typical of auxiliary contacts typical of the signaling contacts typical of the continuation of the contact of the contac	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	250 V
shock resistance vibration resistance f= 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s²; 10 cycles  mechanical service life (operating cycles)  • of the main contacts typical • of auxiliary contacts typical • of the signaling contacts typical • of the signaling contacts typical • of the signaling contacts typical • at DC-13 at 6 A at 24 V typical • at DC-13 at 6 A at 230 V typical • of AAC-15 at 6 A at 230 V typical  vontones operation according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport relative humidity during operation  Main circuit	between control and auxiliary circuit	300 V
vibration resistance       f= 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s²; 10 cycles         mechanical service life (operating cycles)       10 000 000         • of the main contacts typical       10 000 000         • of the signaling contacts typical       10 000 000         • of the signaling contacts typical       10 000 000         electrical endurance (operating cycles) of auxiliary contacts       30 000         • at DC-13 at 6 A at 24 V typical       200 000         • at AC-15 at 6 A at 230 V typical       200 000         type of assignment       continous operation according to IEC 60947-6-2         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       05/01/2012         Ambient conditions       05/01/2012         installation altitude at height above sea level maximum       2 000 m         ambient temperature       0 during operation       -20 +60 °C         0 during storage       -55 +80 °C         0 during transport       -55 +80 °C         relative humidity during operation       10 90 %	degree of protection NEMA rating	other
mechanical service life (operating cycles)  • of the main contacts typical  • of auxiliary contacts typical  • of the signaling contacts typical  • at DC-13 at 6 A at 24 V typical  • at AC-15 at 6 A at 230 V typical  • at AC-15 at 6 A at 230 V typical  200 000  type of assignment  continous operation according to IEC 60947-6-2  reference code according to IEC 81346-2  Q  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during storage  • during transport  relative humidity during operation  Main circuit	shock resistance	a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes
of the main contacts typical     of auxiliary contacts typical     of the signaling contacts typical     one to DC-13 at 6 A at 24 V typical     one at AC-15 at 6 A at 230 V typical     one at AC-15 at 6 A at 230 V typical     one to descript the signal type of assignment     continous operation according to IEC 60947-6-2  Interpretation of the signal type of assignment  Interpretation of the signal type of auxiliary contacts  Installation altitude at height above sea level maximum  Interpretation  Interpret	vibration resistance	f= 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s²; 10 cycles
of auxiliary contacts typical     of the signaling contacts typical     of the signaling contacts typical     electrical endurance (operating cycles) of auxiliary contacts     o at DC-13 at 6 A at 24 V typical     o at AC-15 at 6 A at 230 V typical     other of assignment     continous operation according to IEC 60947-6-2  reference code according to IEC 81346-2  Quantity of assignment Quantity of according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions Installation altitude at height above sea level maximum Quantity of the signal according to IEC 60947-6-2  ambient temperature     oduring operation     during storage     oduring storage     oduring transport     relative humidity during operation  Main circuit	mechanical service life (operating cycles)	
of the signaling contacts typical     electrical endurance (operating cycles) of auxiliary contacts         • at DC-13 at 6 A at 24 V typical         • at AC-15 at 6 A at 230 V typical         • at AC-15 at 6 A at 230 V typical             • continous operation according to IEC 60947-6-2              • reference code according to IEC 81346-2              • Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature         • during operation             • during storage             • during transport             • during transport             • 7-25 +80 °C             • during operation  Main circuit  10 000 000  10 0	<ul> <li>of the main contacts typical</li> </ul>	10 000 000
electrical endurance (operating cycles) of auxiliary contacts  • at DC-13 at 6 A at 24 V typical  • at AC-15 at 6 A at 230 V typical  type of assignment  continous operation according to IEC 60947-6-2  reference code according to IEC 81346-2  Q Substance Prohibitance (Date)  O5/01/2012  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  -20 +60 °C  • during storage  • during transport  -55 +80 °C  relative humidity during operation  10 90 %  Main circuit	<ul> <li>of auxiliary contacts typical</li> </ul>	10 000 000
at DC-13 at 6 A at 24 V typical at AC-15 at 6 A at 230 V typical 200 000  type of assignment continous operation according to IEC 60947-6-2  reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 05/01/2012  Ambient conditions installation altitude at height above sea level maximum ambient temperature  during operation during storage during storage during transport relative humidity during operation 10 90 %  Main circuit	of the signaling contacts typical	10 000 000
• at AC-15 at 6 A at 230 V typical  type of assignment continous operation according to IEC 60947-6-2  reference code according to IEC 81346-2 Q  Substance Prohibitance (Date) 05/01/2012  Ambient conditions  installation altitude at height above sea level maximum 2 000 m  ambient temperature  • during operation -20 +60 °C  • during storage -55 +80 °C  • during transport -55 +80 °C  relative humidity during operation 10 90 %  Main circuit	electrical endurance (operating cycles) of auxiliary contacts	
type of assignment  reference code according to IEC 81346-2  Q Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport relative humidity during operation  Main circuit  continous operation according to IEC 60947-6-2  Q Q D5/01/2012  Ambient conditions  2 000 m  -20 +60 °C  -55 +80 °C  -55 +80 °C  -55 +80 °C  -55 +90 °C	• at DC-13 at 6 A at 24 V typical	30 000
reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport  relative humidity during operation  Main circuit	• at AC-15 at 6 A at 230 V typical	200 000
Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  relative humidity during operation  10 90 %  Main circuit	type of assignment	continous operation according to IEC 60947-6-2
installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport  relative humidity during operation  Main circuit  2 000 m  -20 +60 °C  -55 +80 °C  -55 +80 °C  10 90 %	reference code according to IEC 81346-2	Q
installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  -55 +80 °C  relative humidity during operation  2 000 m  -20 +60 °C  -55 +80 °C  10 90 %  Main circuit	Substance Prohibitance (Date)	05/01/2012
ambient temperature  • during operation  • during storage  • during transport  -55 +80 °C  • during transport  -55 +80 °C  relative humidity during operation  10 90 %  Main circuit	Ambient conditions	
<ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>telative humidity during operation</li> <li>Main circuit</li> </ul>	installation altitude at height above sea level maximum	2 000 m
• during storage     • during transport     • during transport     • during transport     • 55 +80 °C  relative humidity during operation     10 90 %  Main circuit	ambient temperature	
● during transport -55 +80 °C relative humidity during operation 10 90 % Main circuit	during operation	-20 +60 °C
relative humidity during operation 10 90 %  Main circuit	during storage	-55 +80 °C
Main circuit	during transport	-55 +80 °C
	relative humidity during operation	10 90 %
number of poles for main current circuit 3	Main circuit	
	number of poles for main current circuit	3

adjustable current response value current of the current- formula for mixing capacity junt current 12 x le formula for mixing capacity junt current 12 x le formula for mixing capacity junt current 13 x le formula for mixing capacity junt current 14 x le 15 kW geneting voltage at AC ar acte value maximum 15 kW geneting voltage at AC ar acte value maximum 16 x le 17 kW geneting voltage at AC ar acte value maximum 17 x le 18 x le		
		8 32 A
	·	12 x le
yielded mechanical performance for 4-pole AC motor  a 14 0.07 roted value  operating voltage at AC 3 rated value  a 14 AC 3 at 400 V rated value  a 14 AC 3 at 400 V rated value  a 14 AC 3 at 400 V rated value  a 15 KW  operating ower  a 14 AC 3 at 400 V rated value  a 15 KW  operating ower  a 14 AC 3 at 400 V rated value  a 15 KW  operating ower  a 14 AC 3 at 400 V rated value  a 15 KW  operating frequency  a 16 AC 3 at 400 V rated value  a 15 KW  operating frequency  a 16 AC 3 at 500 V rated value  a 15 KW  operating frequency  a 16 AC 3 at 500 V rated value  a 16 AC 3 at 500 V rated value  a 16 AC 3 at 500 V rated value  a 16 AC 3 at 500 V rated value  a 16 AC 4 according to IEC 60947-6 2 maximum  b 16 AC 4 according to IEC 60947-6 2 maximum  control supply voltage 1 at AC  a 16 OHz rated value  a 16 OHz  a 16 OHz rated value  a 16 OHz  a 16 OHz rated value  b 16 OHz  a 16 OHz rated value  a 16 OHz  b 17 rated value  b 16 OHz  control supply voltage frequency  a 17 rated value  b 18 OHz  a 18 OHz  a 18 OHz rated value  control supply voltage frequency  a 17 rated value  b 18 OHz  a 18 OHz  a 18 OHz  b 18 OHz  a 18 OHz  control supply voltage frequency  a 18 OHz  a 18 OHz  a 18 OHz  b 18 OHz  a 18 OHz  control supply voltage frequency  a 18 OHz  a 18 OHz  a 18 OHz  a 18 OHz  control supply voltage frequency  a 18 OHz  a 18		
### 44-00 V Intect value		10 % 16
Operating voltage at AC-3 rated value maximum   400 V		15 MM
Operational current		
## AR C at 400 V rated value		400 V
ear AC-3 at 400 V rated value		00.4
e at AC-43		
operating power		32 A
Operating power		00.4
ari AC-3 at 400 V rated value		29 A
• at AC-43 — at 400 V rated value — at 400 V rated value  no-load switching frequency • at AC-41 according to IEC 60947-6-2 maximum • at AC-43 according to IEC 60947-6-2 maximum • at AC-43 according to IEC 60947-6-2 maximum  250 1/h • at AC-43 according to IEC 60947-6-2 maximum  250 1/h  Control circuit/ Control  Type of voltage AC/IDC  at 50 Hz rated value • 24 V  control supply voltage frequency • 1 rated value • 2 rated value • 2 rated value • 2 rated value • at DC rated value  2 runther of NC contacts for auxiliary contacts  runder of NC contacts for auxiliary contacts  runder of NC contacts for auxiliary contacts  runder of NC contacts of rated value  operational current of auxiliary contacts at AC-12 maximum  operational current of auxiliary cont		
mo-load switching frequency   3 800 1/h		15 KW
no-load switching frequency oparating frequency at AC-41 according to IEC 60947-6-2 maximum at AC-43 according to IEC 60947-6-2 maximum 250 t/h control Grout/ Control  type of voltage AC/DC  control supply voltage 1 at AC at 50 Hz at 50 Hz at 60 Hz rade value at 60 Hz control supply voltage frequency at 60 Hz below at 60 Hz control supply voltage frequency at 7 ated value below at 80 Hz at 60 Hz control supply voltage frequency at 10 Created value below at 10 Created va		
operating frequency		
at AC-41 according to IEC 60947-6-2 maximum at AC-43 according to IEC 60947-6-2 maximum 250 t/h 250 t		3 600 1/h
e at AC-43 according to IEC 60947-8-2 maximum  Control circultif Control  Uppe of voltage		
Control current of voltage   AC/DC    Type of vo	· ·	
type of voltage control supply voltage 1 at AC  at 50 Hz rated value  at 50 Hz  at 60 Hz rated value  24 \ 24 \ 24 \ 24 \ 24 \ 24 \ 24 \ 24		250 1/h
control supply voltage 1 at AC  at 50 Hz rated value 24 V  at 60 Hz  at 60 Hz  24 V  at 60 Hz rated value 24 V  at 60 Hz  control supply voltage frequency  1 rated value 2 at DC  at DC rated value 2 at V  at DC rated value 3 .5 W  at DC maximum 3 .1 W  Auxillary circuit  number of NC contacts for auxillary contacts  number of NC contacts of the current-dependent overload  ricease for signaling contact  number of NC contacts of the current-dependent overload  ricease for signaling contact  number of NC contacts at DC-13 at 250 V  Protective and monitoring functions  trip class  operational current of auxiliary contacts at DC-13 at 250 V  25 3 kA  VUCSA ratings  full-load current (FLA) for 3-phase AC motor  at 400 V  53 kA  53 kA  54 40 400 V  55 kA  56 PS R300 / D300  Short-circuit protection  Yes  design of short-circuit protection  electromagnetic	Control circuit/ Control	
at 50 Hz rated value at 60 Hz at 60 Hz at 60 Hz control supply voltage frequency 1 rated value 2 4 V control supply voltage frequency 1 rated value 2 50 Hz 60 Hz control supply voltage 1 at DC control supply voltage 1 at DC 2 4 V  60 Hz  control supply voltage 1 at DC 2 4 V  60 Hz  control supply voltage 1 at DC 2 4 V  60 Hz  control supply voltage 1 at DC 2 4 V  60 Hz  control supply voltage 1 at DC 2 4 V  60 Hz  control supply voltage 1 at DC 60 Hz	type of voltage	AC/DC
at 50 Hz rated value at 60 Hz rated value 24 V control supply voltage frequency 1 rated value 60 Hz control supply voltage frequency 1 rated value 60 Hz control supply voltage 1 at DC rated value 24 V at DC rated value 24 V holding power 1 at AC maximum 3.5 W at DC maximum 3.5 W at DC maximum 3.1 W Auxiliary direuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 1 release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class CLASS 10 and 20 adjustable operating short-circuit current breaking capacity (Ics) at 400 V 53 kA  UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 32 A yielded mechanical performance [hp] for 3-phase AC motor at 480 V rated value 4 ta 400 V double for a sphase AC motor at 480 V rated value 4 ta 400 V double for a sphase AC motor at 480 V rated value 50 kpc-t-circuit protection 7.5 kp contacts 95-96-98 R300 / D300  Short-circuit protection 7 yes design of short-circuit protection 9 celectromagnetic	control supply voltage 1 at AC	
at 60 Hz rated value at 60 Hz at 60 Hz at 60 Hz  control supply voltage frequency  1 rated value 24 V  24 V  50 Hz 60 Hz  control supply voltage 1  at DC rated value 24 V  at DC rated value 3.5 W  at DC maximum 3.5 W  at DC maximum 3.1 W  Auxiliary circuit  number of NC contacts for auxiliary contacts number of NC contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact number of CO contacts of the current-dependent overload release for signaling contact number of NC contacts at DC-13 at 250 V  Protective and monitoring functions  trip class operational current of auxiliary contacts at AC-12 maximum operational current of signaling contact poperational current of auxiliary contacts at DC-13 at 250 V  Protective and monitoring functions  trip class operating short-circuit current breaking capacity (Ics) at 400 V  L/CSA ratings  full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 480 V rated value 10 hp at 400 V  20 A  yielded mechanical performance [hp] for 3-phase AC motor at 420/230 V rated value 20 hp at 400/400 V rated value 21 to hp at 400/400 V rated value 22 to contact 21-22, 13-14, 43-44 Q800 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection Yes design of short-circuit protection design of short-circuit protection electromagnetic	<ul> <li>at 50 Hz rated value</li> </ul>	24 V
e at 60 Hz  control supply voltage frequency  1 rated value 2 rated value 60 Hz  control supply voltage 1 1 at DC rated value 24 V 24 24 V  holding power 1 at AC maximum 3.5 W 24 24 V  Auxiliary circuit number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 2 number of NC contacts for auxiliary contacts 2 number of NC contacts of instantaneous short-circuit trip unit for signaling contact 10 perational current of auxiliary contacts at AC-12 maximum 20 operational current of auxiliary contacts at DC-13 at 250 V 27 A  Protective and monitoring functions  trip class  trip class CLASS 10 and 20 adjustable 0 perating short-circuit current breaking capacity (tcs) 1 at 480 V rated value 1 at 480 V rated value 1 at 20/230 V rated value 1 at 20/230 V rated value 1 at 480 V rated value 1 at 480 V rated value 1 at 480 V rated value 2 other contacts at AC-2 and contacts 2	● at 50 Hz	24 24 V
control supply voltage frequency  • 1 rated value  • 2 rated value  • 60 Hz  control supply voltage 1  • at DC rated value  • at DC  • at DC  24 24 V  holding power  • at AC maximum  • at DC maximum  • at ABO V rated value  • at 200/208 V rated value  • at 480480 V rated value  • at	<ul> <li>at 60 Hz rated value</li> </ul>	24 V
• 1 rated value • 2 rated value 60 Hz  control supply voltage 1 • at DC rated value 24 V • at DC rated value 24 V  • at DC 24 24 V  holding power • at AC maximum 3.5 W • at DC maximum 3.1 W  Auxiliary circuit number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V  Protective and monitoring functions trip class operating short-circuit current breaking capacity (Ics) • at 400 V  ULGSA ratings  full-load current (FLA) for 3-phase AC motor • at 200/208 V rated value 20 hp • at 200/230 V rated value • at 460/480 V r	● at 60 Hz	24 V
2 rated value     control supply voltage 1     at DC rated value     at DC     at DC     24 24 V  holding power     at AC maximum     at DC maximum     3.5 W     at DC maximum     3.1 W  Auxiliary circuit  number of NC contacts for auxiliary contacts     number of NC contacts for auxiliary contacts     10	control supply voltage frequency	
control supply voltage 1  at DC rated value  at DC 24 24 V  holding power  at AC maximum  3.5 W  at DC maximum  3.1 W  Auxillary circuit  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  number of NO contacts for instantaneous short-circuit trip unit for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  number of CO contacts at DC-13 at 250 V  poerational current of auxiliary contacts at DC-13 at 250 V  poerational current of auxiliary contacts at DC-13 at 250 V  protective and monitoring functions  trip class  CLASS 10 and 20 adjustable  operating short-circuit current breaking capacity (ics)  at 400 V  S3 kA  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  at 480 V rated value  yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value  10 hp  at 460/480 V rated value  20 hp  contact atting of auxiliary contacts according to UL  contacts 95-96-98 R300 / D300  Short-circuit protection  product function short circuit protection  Yes  electromagnetic	• 1 rated value	50 Hz
at DC rated value  at DC 24 24 V  holding power  at AC maximum  at DC maximum  3.5 W  3.1 W  Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of NO contacts of instantaneous short-circuit trip unit for signaling contact  number of NO contacts of instantaneous short-circuit trip unit for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  operational current of auxiliary contacts at AC-12 maximum  operational current of auxiliary contacts at DC-13 at 250 V  Protective and monitoring functions  trip class  operating short-circuit current breaking capacity (Ics)  at 400 V  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  at 480 V rated value  yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value  at 480/208 V rated value  at 480/80 V rated value  at 480/80 V rated value  contact rating of auxiliary contacts according to UL  contact rating of auxiliary contacts according to UL  contacts 95-96-98 R300 / D300  Short-circuit protection  product function short circuit protection  electromagnetic	• 2 rated value	60 Hz
at DC	control supply voltage 1	
holding power  at AC maximum  3.5 W  at DC maximum  3.1 W  Auxillary circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 2 number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V 0.27 A  Protective and monitoring functions  trip class operating short-circuit current breaking capacity (Ics) at 400 V 53 kA  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 7.5 hp at 220/230 V rated value 10 hp at 460/480 V rated value 20 hp contact rating of auxiliary contacts according to UL  Short-circuit protection  product function short circuit protection  Yes design of short-circuit protection  electromagnetic	at DC rated value	24 V
at AC maximum at AC maximum at AC maximum at Auxiliary circuit  number of NC contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of NO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 v operational current of auxiliary contacts at DC-13 at 250 v operational current of auxiliary contacts at DC-13 at 250 v operational current of auxiliary contacts at DC-13 at 250 v operating short-circuit current breaking capacity (Ics) at 400 v  LUCSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [Inp] for 3-phase AC motor at 220/230 V rated value 10 hp at 460/480 V rated value 20 hp contact rating of auxiliary contacts according to UL contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection product function short circuit protection electromagnetic	• at DC	24 24 V
at DC maximum  Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  number of NO contacts of instantaneous short-circuit trip unit for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  operational current of auxiliary contacts at AC-12 maximum  operational current of auxiliary contacts at DC-13 at 250 V  Protective and monitoring functions  trip class  Operating short-circuit current breaking capacity (Ics)  at 400 V  ULICSA ratings  full-load current (FLA) for 3-phase AC motor  at 480 V rated value  yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value  at 220/230 V rated value  at 220/230 V rated value  at 460/480 V rated value  ontact rating of auxiliary contacts according to UL  contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection  product function short circuit protection  electromagnetic	holding power	
Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of NO contacts of instantaneous short-circuit trip unit for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  operational current of auxiliary contacts at AC-12 maximum  operational current of auxiliary contacts at DC-13 at 250 V  protective and monitoring functions  trip class  CLASS 10 and 20 adjustable  operating short-circuit current breaking capacity (Ics)  at 400 V  53 kA  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  at 480 V rated value  yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value  7.5 hp  at 200/208 V rated value  at 200/208 V rated value  20 hp  contact rating of auxiliary contacts according to UL  contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection  product function short circuit protection  design of short-circuit protection  electromagnetic	at AC maximum	3.5 W
number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of NO contacts of instantaneous short-circuit trip unit for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  operational current of auxiliary contacts at AC-12 maximum  operational current of auxiliary contacts at DC-13 at 250 V  0.27 A  Protective and monitoring functions  trip class  Operating short-circuit current breaking capacity (lcs)  • at 400 V  10.CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 200/208 V rated value  • at 200/208 V rated value  • at 460/480 V rated value  contact rating of auxiliary contacts according to UL  Short-circuit protection  product function short circuit protection  design of short-circuit protection  electromagnetic	at DC maximum	3.1 W
number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of NO contacts of instantaneous short-circuit trip unit for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V 0.27 A  Protective and monitoring functions  trip class  operating short-circuit current breaking capacity (lcs)  • at 400 V 53 kA  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 200/208 V rated value  • at 200/208 V rated value  • at 460/480 V rated value  contact rating of auxiliary contacts according to UL  contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection  product function short circuit protection  design of short-circuit protection  electromagnetic	Auxiliary circuit	
number of NO contacts for auxiliary contacts  number of NO contacts of instantaneous short-circuit trip unit for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  operational current of auxiliary contacts at AC-12 maximum  operational current of auxiliary contacts at DC-13 at 250 V  Protective and monitoring functions  trip class  CLASS 10 and 20 adjustable  operating short-circuit current breaking capacity (Ics)  • at 400 V  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  contact rating of auxiliary contacts according to UL  Short-circuit protection  product function short circuit protection  electromagnetic  electromagnetic		0
number of NO contacts of instantaneous short-circuit trip unit for signaling contact  number of CO contacts of the current-dependent overload release for signaling contact  operational current of auxiliary contacts at AC-12 maximum  operational current of auxiliary contacts at DC-13 at 250 V  Protective and monitoring functions  trip class  CLASS 10 and 20 adjustable  operating short-circuit current breaking capacity (Ics)  • at 400 V  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  32 A  yielded mechanical performance [hp] for 3-phase AC motor  • at 220/230 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  contact rating of auxiliary contacts according to UL  Short-circuit protection  product function short circuit protection  design of short-circuit protection  electromagnetic	-	
number of CO contacts of the current-dependent overload release for signaling contact  operational current of auxiliary contacts at AC-12 maximum  operational current of auxiliary contacts at DC-13 at 250 V  O.27 A  Protective and monitoring functions  trip class  Operating short-circuit current breaking capacity (Ics)  • at 400 V  53 kA  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  32 A  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 200/208 V rated value  • at 460/480 V rated value  • at 460/480 V rated value  contact rating of auxiliary contacts according to UL  Short-circuit protection  product function short circuit protection  design of short-circuit protection  electromagnetic	number of NO contacts of instantaneous short-circuit trip unit for	
operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V  Protective and monitoring functions  trip class	number of CO contacts of the current-dependent overload	1
operational current of auxiliary contacts at DC-13 at 250 V  Protective and monitoring functions  trip class  operating short-circuit current breaking capacity (Ics)  • at 400 V  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  contact rating of auxiliary contacts according to UL  Short-circuit protection  product function short circuit protection  design of short-circuit protection  yes  CLASS 10 and 20 adjustable  CLASS 10 and 20 adjustable  0.27 A  CLASS 10 and 20 adjustable  0.20 adjustable  0.20 adjustable  0.20 adjustable  0.21 A  50 kA  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  32 A  yielded mechanical performance [hp] for 3-phase AC motor  • at 220/230 V rated value  0.25 hp  0.27 A  50 kA  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  7.5 hp  • at 460/480 V rated value  20 hp  contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection  product function short circuit protection  electromagnetic		10 A
trip class  CLASS 10 and 20 adjustable  operating short-circuit current breaking capacity (Ics)  • at 400 V  53 kA  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  contact rating of auxiliary contacts according to UL  Short-circuit protection  product function short circuit protection  design of short-circuit protection  electromagnetic	· · · · · · · · · · · · · · · · · · ·	0.27 A
trip class  operating short-circuit current breaking capacity (Ics)  • at 400 V  53 kA  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  32 A  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  7.5 hp  • at 220/230 V rated value  • at 460/480 V rated value  contact rating of auxiliary contacts according to UL  Short-circuit protection  product function short circuit protection  design of short-circuit protection  eat 400 V  CLASS 10 and 20 adjustable  53 kA  CLASS 10 and 20 adjustable  call 20 adjustable  cal		
operating short-circuit current breaking capacity (Ics)  • at 400 V  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  7.5 hp  • at 220/230 V rated value  • at 460/480 V rated value  contact rating of auxiliary contacts according to UL  Short-circuit protection  product function short circuit protection  design of short-circuit protection  e at 400 V  53 kA  32 A  7.5 hp  7.5 hp  10 hp  20 hp  20 hp  20 hp  20 rontacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection  yes  design of short-circuit protection  electromagnetic		CLASS 10 and 20 adjustable
at 400 V  IUL/CSA ratings  full-load current (FLA) for 3-phase AC motor     at 480 V rated value  32 A  yielded mechanical performance [hp] for 3-phase AC motor     at 200/208 V rated value     at 220/230 V rated value     at 460/480 V rated value     at 460/480 V rated value     contact rating of auxiliary contacts according to UL  Contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection  product function short circuit protection  design of short-circuit protection  electromagnetic	·	
## DUL/CSA ratings    full-load current (FLA) for 3-phase AC motor   • at 480 V rated value   32 A      yielded mechanical performance [hp] for 3-phase AC motor   • at 200/208 V rated value   7.5 hp     • at 220/230 V rated value   10 hp     • at 460/480 V rated value   20 hp      contact rating of auxiliary contacts according to UL   contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300      Short-circuit protection   Yes     design of short-circuit protection   electromagnetic   electromagnetic     design of short-circuit protection   electromagnetic   electromagnetic     design of short-circuit protection   electromagnetic   electromagnetic     design of short-circuit protection   electromagnetic   electromag		53 kA
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  contact rating of auxiliary contacts according to UL  contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection  product function short circuit protection  Yes  design of short-circuit protection  electromagnetic		00.10
<ul> <li>at 480 V rated value</li> <li>yielded mechanical performance [hp] for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>contact rating of auxiliary contacts according to UL</li> <li>contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300</li> <li>Short-circuit protection</li> <li>product function short circuit protection</li> <li>Yes</li> <li>design of short-circuit protection</li> <li>electromagnetic</li> </ul>		
yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  contact rating of auxiliary contacts according to UL  contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection  product function short circuit protection  yes  design of short-circuit protection  electromagnetic		32 A
<ul> <li>at 200/208 V rated value</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>contact rating of auxiliary contacts according to UL</li> <li>contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300</li> <li>Short-circuit protection</li> <li>product function short circuit protection</li> <li>Yes</li> <li>design of short-circuit protection</li> <li>electromagnetic</li> </ul>		OL II
<ul> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>contact rating of auxiliary contacts according to UL</li> <li>contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300</li> <li>Short-circuit protection</li> <li>product function short circuit protection</li> <li>Yes</li> <li>design of short-circuit protection</li> <li>electromagnetic</li> </ul>		7.5 hn
at 460/480 V rated value     contact rating of auxiliary contacts according to UL     contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection     product function short circuit protection     design of short-circuit protection     electromagnetic		
contact rating of auxiliary contacts according to UL  contacts 21-22, 13-14, 43-44 Q600 / A600, contacts 77-78 R300 / B300, contacts 95-96-98 R300 / D300  Short-circuit protection  product function short circuit protection  design of short-circuit protection  electromagnetic		
contacts 95-96-98 R300 / D300  Short-circuit protection  product function short circuit protection  design of short-circuit protection  electromagnetic		·
product function short circuit protection  design of short-circuit protection  electromagnetic	contact rating of auxiliary contacts according to UL	
design of short-circuit protection electromagnetic	Short-circuit protection	
	product function short circuit protection	Yes
design of the fuse link	design of short-circuit protection	electromagnetic
design of the ruse link	design of the fuse link	

fuse gL/gG: 10 A • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the signaling switch of the 6A gL/gG/400V short-circuit release required • for short-circuit protection of the signaling switch of the 4A gL/gG/400V overload release required Installation/ mounting/ dimensions mounting position anv vertical, on horizontal standard DIN rail recommended fastening method screw and snap-on mounting 170 mm height width 90 mm depth 165 mm product component removable terminal for main circuit Yes product component removable terminal for auxiliary and Yes control circuit type of electrical connection • for main current circuit plug-in without terminals · for auxiliary and control circuit plug-in without terminals Safety related data B10 value with high demand rate according to SN 31920 2 000 000 proportion of dangerous failures 40 % • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 50 % failure rate [FIT] with low demand rate according to SN 31920 100 FIT T1 value for proof test interval or service life according to IEC 20 a IP20 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe Communication/ Protocol product function bus communication No protocol is supported AS-Interface protocol No IO-Link protocol Nο product function control circuit interface with IO link Nο **Electromagnetic compatibility** conducted interference • due to burst according to IEC 61000-4-4 4 kV main contacts, 2 kV auxiliary contacts • due to conductor-earth surge according to IEC 61000-4-5 4 kV main contacts, 2 kV auxiliary contacts • due to conductor-conductor surge according to IEC 2 kV main contacts, 1 kV auxiliary contacts 61000-4-5 • due to high-frequency radiation according to IEC 61000-0.15-80Mhz at 10V field-based interference according to IEC 61000-4-3 10 V/m electrostatic discharge according to IEC 61000-4-2 8 kV conducted HF interference emissions according to 150 kHz ... 30 MHz Class A CISPR11 30 ... 1000 MHz Class A field-bound HF interference emission according to CISPR11 Supply voltage required Auxiliary voltage Nο Display number of LEDs 3 **Functional EMC General Product Approval** Safety/Safety of Ma-Confirmation















Type Test Certificates/Test Report







Marine / Shipping

other

**Dangerous Good** 





Confirmation

**Transport Information** 

## **Further information**

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3RA6250-0EB30

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6250-0EB30

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA6250-0EB30

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

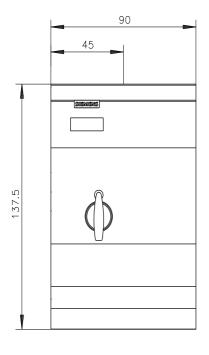
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA6250-0EB30&lang=en

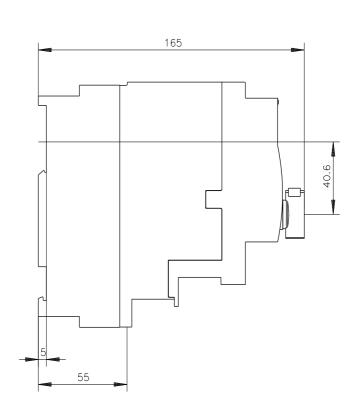
Characteristic: Tripping characteristics, I2t, Let-through current

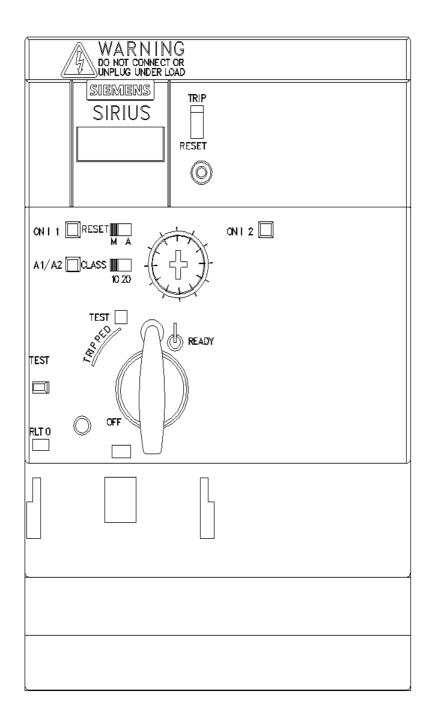
https://support.industry.siemens.com/cs/ww/en/ps/3RA6250-0EB30/char

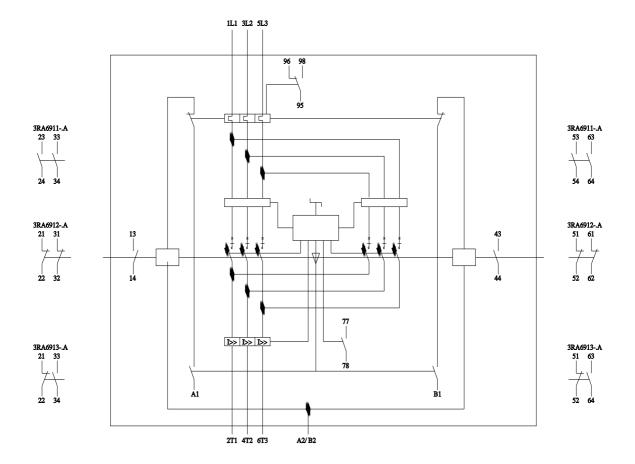
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA6250-0EB30&objecttype=14&gridview=view1









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