## **SIEMENS**

Data sheet 3RA6250-1DB34



SIRIUS Compact load feeder Reversing starter 690 V 24 V AC/DC 50...60 Hz 3...12 A IP20 Connection main circuit: Screw terminal Connection control circuit: plug-in, without terminals

product brain mane product to signation design of the product product type designation  General technical data product function control circuit interface to parallel wiring product function control circuit interface to parallel wiring Product trunction 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 share typical  insulation voltage rated value  600 V  maximum permissible voltage for protective separation • between main and auxiliary circuit • between auxiliary circuit • between control and auxiliary circuit • between control and auxiliary circuit • between control and surfliary circuit • of the main contacts typical • of the signaling contact typical • of the signaling contact typical • of the	product brand name	SIRIUS			
design of the product product type designation  3RA62  General technical data 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 pole • without load current share typical • without load current share typical degree of pollution 3 surge voltage rated value 690 V degree of pollution • between main and auxiliary circuit • between main and auxiliary circuit • between control and auxiliary circuit • between sarvice life (operating cycles) • of the main contacts typical • of the sipaling contacts typical • of auxiliary contacts typical • of the sipaling contact	•				
product trype 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  at AC in hot operating state at AC in hot operating state per pole at AC in hot operating state per pole without load current share typical 2.9 W  Insulation voltage rated value degree of pollution 3 surge voltage resistance rated value 600 V  maximum permissible voltage for protective separation between auxiliary and auxiliary circuit between auxiliary and auxiliary circuit between control and auxiliary circuit between control and auxiliary circuit shock resistance mechanical service life (operating cycles) of the main contacts typical of auxiliary 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 cat AC-15 at 6 A at 230 V typical stance at AC-15 at 6 A at 230 V typical stance at AC-15 at 6 A at 230 V typical SWHC substance name Blait-7439-92-1 Blaimonoxid (Blackod) - 1317-38-8 Bleittranchiston auxiliary and auxiliary contacts Blait-7439-92-1 Bleimonoxid (Blackod) - 1317-38-8 Bleittranchiston auxiliary contacts Bleittranchiston auxiliary cont		·			
Ceneral technical data 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					
product function control circuit interface to parallel wiring product extension auxiliary switch  power loss [M] for rated value of the current  • at AC in hot operating state • at AC in hot operating state per pole • without load current share typical  • at AC in hot operating state per pole • without load current share typical  insulation vottage rated value  degree of pollution  3  surge vottage resistance rated value • begree of pollution  asurge vottage rated value • between auxiliary circuit • between auxiliary and auxiliary circuit • between auxiliary and auxiliary circuit • between control and auxiliary circuit • between control and auxiliary circuit  shock resistance  mechanical service life (operating cycles) • of the main contacts typical • of auxiliary contacts typical • of auxiliary contacts typical • of the signaling contacts typical • of auxiliary contacts typical • of auxiliary contacts typical • of the signaling contact typical • of the signaling c		0.0.02			
product extension auxiliary switch 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 * at AC in hot operating state per pole * without load current share typical * degree of pollution * 3 * surge voltage resistance rated value * degree of pollution * asurge voltage resistance rated value * between main and auxiliary circuit * between main and auxiliary circuit * between main and auxiliary circuit * between auxiliary and auxiliary circuit * between control and auxiliary circuit * degree of protection NEMA rating * shock resistance * a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes  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 signaling contacts typical * of auxiliary contacts typical * of the 30 000 * of the 31 of A at 24 V typical * of auxiliary contacts typical * of auxiliary contacts typical * of auxiliary contacts typical * of the signaling contacts typical * of the contacts typical * of the signaling contacts typical * of the main cont		Yes			
power loss [W] for rated value of the current  at AC in hot operating state					
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  3  surge voltage resistance rated value  6 000 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  between operating other  shock resistance  a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes  mechanical service life (operating cycles)  of the main 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 23 V typical  at AC-15 at 6 A at 23 V typical  val AC-15 at 6 A at 23 V typical  preference code according to IEC 81346-2  Quubstance Prohibitance (Date)  SVHC substance name  Bielittinarikonoxid - 12626-81-2  2,2,6,6-Tetrabrom-4,4-isopropylidendi - 79-94-7  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  of during operation  -20 +60 °C  -55 +80 °C	<u> </u>				
at AC in hot operating state per pole  without load current share typical  insulation voltage rated value  690 V  degree of pollution  between raw main and auxiliary circuit  between control and auxiliary circuit  ae60 m/s2 (6g) with 10 ms per 3 shocks in all axes  mechanical service life (operating cycles)  of the main contacts typical  of the main contacts typical  of the main contacts typical  of the signaling contacts typical  of the signaling contacts typical  lelectrical endurance (operating cycles) of auxiliary contacts  of the signaling contacts typical  between control and auxiliary contacts  of the signaling contacts typical  continous operation according to IEC 60947-6-2  gubstance Prohibitance (Date)  SVHC substance name  Bleimonoxid (Bleioxid) - 1317-36-8  Bleittanzirkonoxid - 12626-81-2  2,2'.6,6'-Tetrabrom-4,4'-Isopropylidendi - 79-94-7  Ambient conditions  installation altitude at height above sea level maximum  auxiliary contacts  cut after the control and auxiliary contacts  cut after the control and auxiliary contacts  continous operation		1.8 W			
without load current share typical	. 5	0.6 W			
insulation voltage rated value  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  degree of protection NEMA rating  other  shock resistance  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 23 V V V V V V V V V V V V V V V V V V		2.9 W			
surge voltage resistance rated value  maximum permissible voltage for protective separation  • between amain and auxiliary circuit  • between auxiliary and auxiliary circuit  • between control and auxiliary circuit  • of the main contacts Index (6g) with 10 ms per 3 shocks in all axes  mechanical service life (operating cycles)  • of the main 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  • at AC-15 at 6 A at 230 V typical  • at AC-15 at 6 A at 230 V typical  • onlinous operation according to IEC 60947-6-2  reference code according to IEC 81346-2  Q  Substance Prohibitance (Date)  SVHC substance name  Biei - 7439-92-1  Bleimonoxid (Bleioxid) - 1317-36-8  Bleititanzirkonoxid - 12626-81-2  2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage		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 30 V  degree of protection NEMA rating shock resistance  mechanical service life (operating cycles) • of the main contacts typical • of auxiliary contacts typical • of auxiliary contacts typical • of the signaling contacts typical • at DC-13 at 6 A at 24 V 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 • of assignment continous operation according to IEC 60947-6-2 reference code according to IEC 81346-2 Q Substance Prohibitance (Date)  SVHC substance name  Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititranificknoxid - 12626-81-2 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage	degree of pollution	3			
between main and auxiliary circuit     between auxiliary and auxiliary circuit     between control and auxiliary circuit     shock resistance     a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes     mechanical service life (operating cycles)     of the main contacts typical     of auxiliary contacts typical     of the signaling contacts typical     of auxiliary contacts typical     of the signaling con	surge voltage resistance rated value	6 000 V			
between main and auxiliary circuit     between auxiliary and auxiliary circuit     between control and auxiliary circuit     shock resistance     a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes     mechanical service life (operating cycles)     of the main contacts typical     of auxiliary contacts typical     of the signaling contacts typical     of auxiliary contacts typical     of the signaling con					
between control and auxiliary circuit  degree of protection NEMA rating shock resistance mechanical service life (operating cycles)     of the main contacts typical     of auxiliary contacts typical     of the signaling contacts     of the signaling contacts typical     of the signaling contacts     of the signaling c		400 V			
degree of protection NEMA rating shock resistance a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes  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 DC-13 at 6 A at 230 V typical • ot AC-15 at 6 A at 230 V typical  • ot Pype of assignment  type of assignment  continous operation according to IEC 60947-6-2  Substance Prohibitance (Date)  SVHC substance name  Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleittanzirkonoxid - 12626-81-2 2,2'.6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature • during operation • during storage  other a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes  a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes  a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes  appears of the main contacts in all axes  appears of the main contacts in all axes  10 000 000  10 000 000  10 000 000  20	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	250 V			
shock resistance  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  • ot minus operation according to IEC 60947-6-2  The signal s	<ul> <li>between control and auxiliary circuit</li> </ul>	300 V			
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  • ontinous operation according to IEC 60947-6-2  reference code according to IEC 81346-2  Q  Substance Prohibitance (Date)  SVHC substance name  Blei - 7439-92-1  Bleimonoxid (Bleioxid) - 1317-36-8  Bleititanzirkonoxid - 12626-81-2  2,2,6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  -55 +80 °C	degree of protection NEMA rating	other			
of the main contacts typical of auxiliary contacts typical of the signaling contacts	shock resistance	a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes			
of auxiliary contacts typical     of the signaling 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     o 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  Q Substance Prohibitance (Date)  SVHC substance name  Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature     o during operation     o during storage  -20 +60 °C  -55 +80 °C	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  type of assignment  reference code according to IEC 81346-2  Q  Substance Prohibitance (Date)  SVHC substance name  Blei - 7439-92-1  Bleimonoxid (Bleioxid) - 1317-36-8  Bleititanzirkonoxid - 12626-81-2  2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  -20 +60 °C  -55 +80 °C	<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  200 000  type of assignment  continous operation according to IEC 60947-6-2  reference code according to IEC 81346-2  Q  Substance Prohibitance (Date)  SVHC substance name  Blei - 7439-92-1  Bleimonoxid (Bleioxid) - 1317-36-8  Bleiittanzirkonoxid - 12626-81-2  2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  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	<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)  SVHC substance name  Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation -20 +60 °C during storage -55 +80 °C	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)  SVHC substance name  Blei - 7439-92-1  Bleimonoxid (Bleioxid) - 1317-36-8  Bleititanzirkonoxid - 12626-81-2  2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  -20 +60 °C  • during storage  200 000  continous operation according to IEC 60947-6-2  Q  Q  20 000  8 20 05/01/2012  Blei - 7439-92-1  Bleimonoxid (Bleioxid) - 1317-36-8  Bleititanzirkonoxid - 12626-81-2  2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7	electrical endurance (operating cycles) of auxiliary contacts				
type of assignment  reference code according to IEC 81346-2  Substance Prohibitance (Date)  SVHC substance name  Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage  continous operation according to IEC 60947-6-2  Q  Q  D5/01/2012  Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  - 20 +60 °C - 55 +80 °C	• at DC-13 at 6 A at 24 V typical	30 000			
reference code according to IEC 81346-2  Substance Prohibitance (Date)  SVHC substance name  Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  -20 +60 °C  • during storage  -55 +80 °C	at AC-15 at 6 A at 230 V typical	200 000			
Substance Prohibitance (Date)  SVHC substance name  Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions installation altitude at height above sea level maximum  ambient temperature  • during operation  -20 +60 °C  • during storage  -55 +80 °C	type of assignment	continous operation according to IEC 60947-6-2			
SVHC substance name  Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  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	reference code according to IEC 81346-2	Q			
Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  Ambient conditions installation altitude at height above sea level maximum  ambient temperature  • during operation  -20 +60 °C  • during storage  Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7  2 000 m  -20 +60 °C -55 +80 °C	Substance Prohibitance (Date)	05/01/2012			
installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  2 000 m  -20 +60 °C  -55 +80 °C	SVHC substance name	Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2			
ambient temperature	Ambient conditions				
<ul> <li>during operation</li> <li>during storage</li> <li>-20 +60 °C</li> <li>-55 +80 °C</li> </ul>	installation altitude at height above sea level maximum	2 000 m			
• during storage -55 +80 °C	ambient temperature				
	during operation	-20 +60 °C			
■ during transport     = -55 +80 °C	during storage	-55 +80 °C			
	during transport	-55 +80 °C			
relative humidity during operation 10 90 %	relative humidity during operation	10 90 %			

Main circuit	
number of poles for main current circuit	3
adjustable current response value current of the current- dependent overload release	3 12 A
formula for making capacity limit current	12 x le
formula for limit current breaking capacity	10 x le
yielded mechanical performance for 4-pole AC motor	
at 400 V rated value	5.5 kW
at 500 V rated value	5.5 kW
at 690 V rated value	7.5 kW
operating voltage at AC-3 rated value maximum	690 V
operational current	
at AC at 400 V rated value	12 A
at AC-3 at 400 V rated value	12 A
• at AC-43	
— at 400 V rated value	11.5 A
— at 500 V rated value	12.4 A
— at 690 V rated value	8.9 A
operating power	
at AC-3 at 400 V rated value	5.5 kW
• at AC-43	
— at 400 V rated value	5 500 W
— at 500 V rated value	5 500 W
— at 690 V rated value	7 500 W
no-load switching frequency	3 600 1/h
operating frequency	- 0 000 IIII
at AC-41 according to IEC 60947-6-2 maximum	750 1/h
at AC-43 according to IEC 60947-6-2 maximum	250 1/h
Control circuit/ Control	200 1111
type of voltage	AC/DC
control supply voltage 1 at AC	AGIDO
at 50 Hz rated value	24 V
• at 50 Hz	24 24 V
at 60 Hz rated value	24 V
• at 60 Hz	24 V
control supply voltage frequency	27 V
• 1 rated value	50 Hz
• 2 rated value	60 Hz
control supply voltage 1	00 112
at DC rated value	24 V
• at DC	24 24 V
holding power	E. I. I. E. T. V
at AC maximum	2.8 W
at DC maximum	2.6 W
Auxiliary circuit	2.0 11
number of NC contacts for auxiliary contacts	0
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact	1
number of CO contacts of the current-dependent overload release for signaling contact	1
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at DC-13 at 250 V	0.27 A
Protective and monitoring functions	
trip class	CLASS 10 and 20 adjustable
operating short-circuit current breaking capacity (Ics)	
• at 400 V	53 kA
at 500 V rated value	3 kA
at 690 V rated value	3 kA
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	

at 400 V rate division	40.4			
• at 480 V rated value	12 A			
• at 600 V rated value	12 A			
yielded mechanical performance [hp] for 3-phase AC motor				
• at 200/208 V rated value	3 hp			
• at 220/230 V rated value	3 hp			
• at 460/480 V rated value	7.5 hp			
• at 575/600 V rated value	10 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	Yes			
design of short-circuit protection	electromagnetic			
design of the fuse link				
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	fuse gL/gG: 10 A			
<ul> <li>for short-circuit protection of the signaling switch of the</li> </ul>	6A gL/gG/400V			
<ul><li>short-circuit release required</li><li>for short-circuit protection of the signaling switch of the</li></ul>	4A gL/gG/400V			
overload release required				
Installation/ mounting/ dimensions	any .			
mounting position	any			
• recommended	vertical, on horizontal standard DIN rail			
fastening method	screw and snap-on mounting			
height	170 mm			
width	90 mm 165 mm			
depth Connections/ Terminals	100 11111			
product component removable terminal for main circuit	Yes			
product component removable terminal for main circuit	Yes			
control circuit				
type of electrical connection				
• for main current circuit	screw-type terminals			
for auxiliary and control circuit	plug-in without terminals			
type of connectable conductor cross-sections for main contacts				
• solid	2x (1.5 6 mm²), 1x 10 mm²			
<ul> <li>finely stranded with core end processing</li> </ul>	2x (1.5 6 mm²)			
type of connectable conductor cross-sections				
<ul> <li>for auxiliary contacts</li> </ul>				
— solid	0.5 4 mm², 2x (0.5 2.5 mm²)			
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm², 2x (0.5 1.5 mm²)			
<ul> <li>for AWG cables for auxiliary contacts</li> </ul>	2x (20 14)			
Safety related data				
proportion of dangerous failures				
<ul> <li>with low demand rate according to SN 31920</li> </ul>	40 %			
with high demand rate according to SN 31920	50 %			
failure rate [FIT] with low demand rate according to SN 31920	100 FIT			
B10 value with high demand rate according to SN 31920	3 000 000			
T1 value for proof test interval or service life according to IEC 61508	20 a			
protection class IP on the front according to IEC 60529	IP20			
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	No			
product function control circuit interface with IO link	No			
Electromagnetic compatibility	110			
conducted interference				
due to burst according to IEC 61000-4-4	4 kV main contacts, 2 kV auxiliary contacts			
due to burst according to IEC 01000-4-4     due to conductor-earth surge according to IEC 61000-4-5	4 kV main contacts, 2 kV auxiliary contacts			
due to conductor-earth surge according to IEC     due to conductor-conductor surge according to IEC	2 kV main contacts, 1 kV auxiliary contacts			
- day to constant confidence days according to inco				

61000-4-5				
<ul> <li>due to high-frequency radiation according to IEC 61000- 4-6</li> </ul>	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 CISPR11	150 kHz 30 MHz Class A			
field-bound HF interference emission according to CISPR11	30 1000 MHz Class A			
Supply voltage				
Supply voltage required Auxiliary voltage	No			
Display				
number of LEDs	3			
Approvals Certificates				
General Product Approval		EMC	Functional Safety/Safety of Ma- chinery	



Confirmation









**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping





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=3RA6250-1DB34

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6250-1DB34

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA6250-1DB34

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

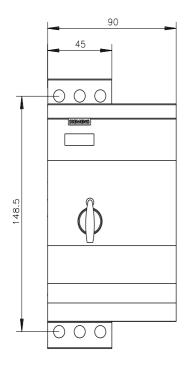
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA6250-1DB34\&lang=en}}$ 

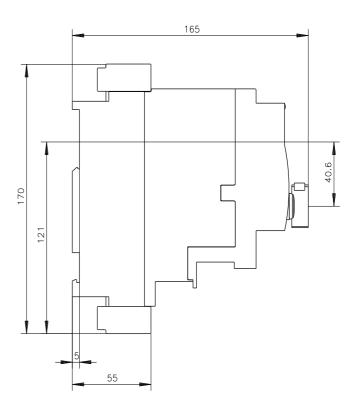
Characteristic: Tripping characteristics, I²t, Let-through current

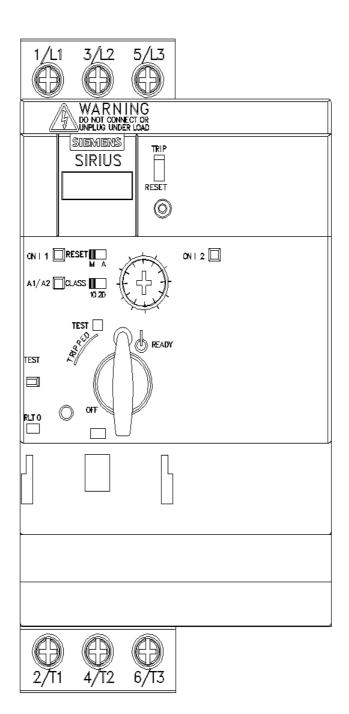
https://support.industry.siemens.com/cs/ww/en/ps/3RA6250-1DB34/char

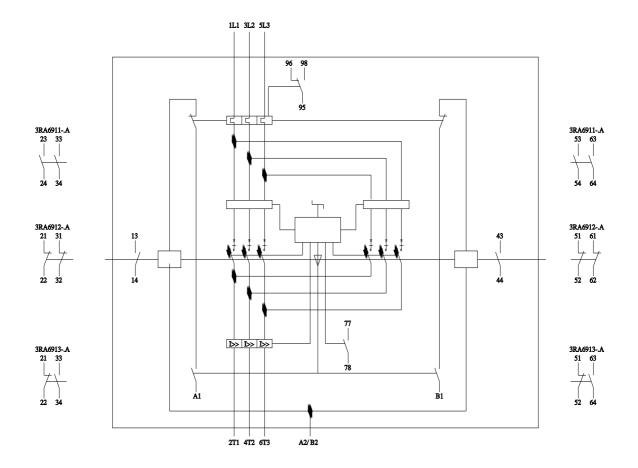
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA6250-1DB34&objecttype=14&gridview=view1









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