## **SIEMENS**

Data sheet 3RA6120-2BB32



SIRIUS Compact load feeder DOL starter 690 V 24 V AC/DC 50...60 Hz 0.32...1.25 A IP20 Connection main circuit: Spring-type terminal Connection auxiliary circuit: Spring-type terminal

product brand name	SIRIUS
product designation	compact starter
design of the product	direct starter
product type designation	3RA61
General 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	
<ul> <li>at AC in hot operating state</li> </ul>	0.1 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	0.03 W
<ul> <li>without load current share typical</li> </ul>	2.9 W
insulation voltage rated value	690 V
degree of pollution	3
surge voltage resistance rated value	6 000 V
maximum permissible voltage for protective separation	
<ul> <li>between main and auxiliary circuit</li> </ul>	400 V
<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	250 V
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
mechanical service life (operating cycles)	
of the main contacts typical	10 000 000
<ul> <li>of auxiliary contacts typical</li> </ul>	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	30 000
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
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 Bleititanzirkonoxid - 12626-81-2
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 -55 +80 °C

jumber of poles for main current circuit  digitatible current responses value current of the current dependent overdoaf release of poles and current dependent overdoaf release of poles and current formula for making capacity milk current breaking capacity wilk current of the current of	Main circuit	
dijustable current response value current of the current opporate value current of the current opporate value current of the current		3
	adjustable current response value current of the current-	
vielded mechanical performance for 4-pole AC motor	formula for making capacity limit current	38.4 x le
* at 800 V rated value	formula for limit current breaking capacity	32 x le
	yielded mechanical performance for 4-pole AC motor	
• at 860 V rated value	at 400 V rated value	0.37 kW
operating voltage at AC-3 rated value maximum   690 V	• at 500 V rated value	0.55 kW
Operational current	• at 690 V rated value	0.75 kW
e at AC at 400 V rated value  • at AC-3 at 400 V rated value  - at 400 V rated value  - at 500 V rated value  • at AC-3 at 400 V rated value  - at 500 V rated value  - at 600 V rated value  - at AC-43 according to IEC 60947-8-2 maximum  • at OU AC-4 according to IEC 60947-8-2 maximum  • at AC-43 according to IEC 60947-8-2 max	operating voltage at AC-3 rated value maximum	690 V
	operational current	
• at AC-43 — at 400 V rated value — at 590 V rated value • at AC-3 at 400 V rated value • at AC-3 at 400 V rated value • at AC-3 at 400 V rated value — at 500 V rated value • at AC-43 according to IEC 60947-6-2 maximum • at OI + Carted Value • at 50 Hz • at 50 Hz rated Value • at 50 Hz • at 60 Hz rated Value • at 60 Hz • at 60 Hz rated Value • at 60 Hz • at 40 V rated Value • at 60 Hz • at 40 V rated Value • at 60 Hz • at 60	at AC at 400 V rated value	1.25 A
	• at AC-3 at 400 V rated value	1.25 A
	• at AC-43	
— at 690 V rated value 0.37 kW 0.37 k	— at 400 V rated value	1.1 A
Operating power	— at 500 V rated value	1.2 A
Operating power	— at 690 V rated value	1.1 A
• at AC-3 at 400 V rated value • at AC-43 — at 400 V rated value — at 500 V rated value 750 W  no-load switching frequency • at AC-41 according to IEC 60947-8-2 maximum • at AC-43 according to IEC 60947-8-2 maximum 250 1/h • at AC-43 according to IEC 60947-8-2 maximum 250 1/h • at AC-43 according to IEC 60947-8-2 maximum 250 1/h • at AC-43 according to IEC 60947-8-2 maximum 250 1/h • at Control circuit/ Control  type of voltage AC/IDC  control supply voltage 1 at AC • at 50 Hz rated value • at 50 Hz rated value • at 60 Hz rated value • at 60 Hz according to IEC 60947-8-2 maximum 24 V • at 60 Hz rated value • 24 V • at 60 Hz rated value • 24 V • at 60 Hz rated value • 24 V • at 60 Hz according frequency • 1 rated value • 2 rated value • 2 rated value • 2 v V • according to IEC 60947-8-2 maximum • at DC maxim	operating power	
		0.37 kW
at 500 V rated value 750 W at 890 V rated value 750 W  no-load switching frequency 3 600 1/h  operating frequency 4 A CC-41 according to IEC 60947-6-2 maximum 750 1/h at A CC-43 according to IEC 60947-6-2 maximum 250 1/h  Control circuit/ Control  Type of voltage AC/DC  Control supply voltage 1 at AC at 50 Hz rated value 24 V at 50 Hz rated value 24 V at 60 Hz rated value 24 V at 60 Hz AC-43 according to IEC 60947-6-2 maximum 250 1/h  Control supply voltage 1 at AC at 50 Hz rated value 24 V at 60 Hz rated value 24 V at 60 Hz 24 V control supply voltage frequency 1 rated value 50 Hz 2 rated value 50 Hz 2 rated value 50 Hz 2 rated value 24 V 4 rated value 50 Hz 2 rated value 24 V 4 rated value 24 V 4 rated value 25 V 2 rated value 25 V 2 rated value 27 V 24 V 34 AC maximum 2.8 W 4 DC maximum 2.8 W 4 DC maximum 2.9 W  Auxiliary circuit  number of NC contacts for auxiliary contacts 1 number of NC contacts of instantaneous short-circuit trip unit for signaling contact  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operational current of auxiliary contacts at AC-12 maximum 10 A  operat	• at AC-43	
	— at 400 V rated value	370 W
	— at 500 V rated value	550 W
operating frequency  • at AC-41 according to IEC 60947-6-2 maximum  • at AC-43 according to IEC 60947-6-2 maximum  250 1/h  Control circuit/ Control  type of voltage  Control supply voltage 1 at AC  • at 50 Hz rated value  • at 60 Hz rated value  • at 60 Hz rated value  • at 60 Hz  Control supply voltage frequency  • 1 rated value  • 24 V  control supply voltage frequency  • 1 rated value  • 24 V  control supply voltage 1 at DC  • ared value  • 24 V  • a to 40 Hz  control supply voltage 1 at DC  • rated value  • 24 V  • and Control supply voltage 1 at DC  • rated value  • 24 V  • and Control supply voltage 1 at DC  • rated value  • 24 V  Auxiliary circuit  • at DC maximum  • at DC maximum  2.9 W  Auxiliary circuit  number of NC contacts for auxiliary contacts  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 of the current-dependent overload release for signaling contact  number of NC contacts of the current-dependent overload release for signaling contact  number of NC contacts of the current-dependent overload release for signaling contact  number of NC contacts of the current-dependent overload release for signaling contact  number of NC contacts of the current-dependent overload release for signaling contact  1 0 A  operations short-circuit current breaking capacity (Ics)  • at 400 V rated value  at 500 V rated value  at 600 V rated value		
e at AC-41 according to IEC 60947-6-2 maximum		
at AC-41 according to IEC 60947-6-2 maximum at AC-43 according to IEC 60947-6-2 maximum 250 1/h 250 1/h 250 1/h 250 1/h 250 1/h 250 1/h 260 1/b 260 1/b 260 1/b 270 1/b 280 1		
e at AC-43 according to IEC 60947-6-2 maximum  type of voltage control supply voltage 1 at AC  e at 50 Hz rated value e at 50 Hz at 60 Hz rated value e at 60 Hz at 60 Hz control supply voltage frequency e 1 rated value e 24 V  control supply voltage frequency e 1 rated value e 2 rated value e 2 rated value for Hz rated value e 2 rated value e 3		750 1/h
AC/DC	-	250 1/h
control supply voltage 1 at AC  at 50 Hz rated value 24 W 24 24 V 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 60 Hz control supply voltage 1 at DC  rated value 24 V 60 Hz control supply voltage 1 at DC  rated value 24 V 60 Hz		
ontrol supply voltage 1 at AC	type of voltage	AC/DC
at 60 Hz rated value at 60 Hz  control supply voltage frequency 1 rated value 2 trated value 6 0 Hz  control supply voltage 1 at DC rated value 2 trated value 3 trated value 3 trated value 3 trated value 4 trated value 5 trated va		24 V
at 80 Hz  control supply voltage frequency  1 rated value  2 rated value  60 Hz  control supply voltage 1 at DC  1 rated value  24 W  24 24 V  holding power  1 at AC maximum  2.8 W  1 at DC maximum  2.9 W  Auxiliary circuit  number of NC contacts for auxiliary contacts  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 NC contacts at AC-12 maximum  operational current of auxiliary contacts at AC-12 maximum  operational current of auxiliary contacts at CC-13 at 250 V  Protective and monitoring functions  trip class  operating short-circuit current breaking capacity (Ics)  1 at 400 V rated value  1 at 500 V rated value  1 at 600 V rated value	● at 50 Hz	24 24 V
control supply voltage frequency  • 1 rated value  • 2 rated value  • 2 rated value  • 24 V  • rated value  • 24 V  • at AC maximum  • at AC maximum  • at DC maximum  • at DC maximum  2.8 W  • at DC maximum  2.9 W  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 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 rated value  • at 690 V rated value	at 60 Hz rated value	24 V
1 rated value     2 rated value     60 Hz  control supply voltage 1 at DC     • rated value     24 W     • 24 24 V  holding power     • at AC maximum     • at DC maximum     2.8 W     • at DC maximum     2.9 W  Auxiliary circuit  number of NC contacts for auxiliary contacts     1 number of NO contacts for auxiliary contacts     1 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 rated value     • at 500 V rated value     3 kA     • at 690 V rated value     3 kA      • at 690 V rated value     3 kA      • at 690 V rated value     3 kA      • at 690 V rated value     3 kA	● at 60 Hz	24 V
2 rated value     control supply voltage 1 at DC	control supply voltage frequency	
control supply voltage 1 at DC  • rated value • 24 V  24 24 V  holding power • at AC maximum • at DC maximum 2.9 W  Auxilliary circuit  number of NC contacts for auxiliary contacts 1 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  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 rated value • at 690 V rated value	• 1 rated value	50 Hz
rated value	• 2 rated value	60 Hz
■ at AC maximum     ■ at AC maximum     ■ at DC contacts for auxiliary contacts     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     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 rated value     ■ at 500 V rated value     3 kA     ■ at 690 V rated value     3 kA  UL/CSA ratings	control supply voltage 1 at DC	
holding power  at AC maximum 2.8 W  at DC maximum 2.9 W  Auxiliary circuit  number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 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  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 rated value at 500 V rated value 3 kA 4 at 690 V rated value 3 kA UL/CSA ratings	• rated value	24 V
at AC maximum at DC maximum 2.8 W 2.9 W  Auxiliary circuit  number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 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 rated value at 690 V rated value 3 kA  at 690 V rated value 3 kA  UL/CSA ratings	•	24 24 V
at AC maximum at DC maximum 2.8 W 2.9 W  Auxiliary circuit  number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 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 rated value at 690 V rated value 3 kA  at 690 V rated value 3 kA  UL/CSA ratings	holding power	
Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1 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 rated value  • at 500 V rated value  • at 690 V rated value		2.8 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  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 rated value  • at 500 V rated value  • at 690 V rated value	at DC maximum	2.9 W
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 rated value • at 500 V rated value • at 690 V rated value	Auxiliary circuit	
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  Output  O	number of NC contacts for auxiliary contacts	1
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 rated value • at 500 V rated value • at 690 V rated value  • at 690 V rated value  • at 690 V rated value  • at 690 V rated value  • at 690 V rated value  • at 690 V rated value	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 rated value  • at 500 V rated value  • at 690 V rated value	•	1
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 rated value  • at 500 V rated value  • at 690 V rated value		1
Protective and monitoring functions  trip class  Operating short-circuit current breaking capacity (Ics)  • at 400 V rated value  • at 500 V rated value  • at 690 V rated value  • at 690 V rated value  UL/CSA ratings	operational current of auxiliary contacts at AC-12 maximum	10 A
trip class  Operating short-circuit current breaking capacity (Ics)  • at 400 V rated value  • at 500 V rated value  • at 690 V rated value	operational current of auxiliary contacts at DC-13 at 250 V	0.27 A
operating short-circuit current breaking capacity (Ics)  • at 400 V rated value  • at 500 V rated value  • at 690 V rated value  3 kA  UL/CSA ratings	Protective and monitoring functions	
• at 400 V rated value 53 kA • at 500 V rated value 3 kA • at 690 V rated value 3 kA  UL/CSA ratings	trip class	CLASS 10 and 20 adjustable
at 500 V rated value     at 690 V rated value     3 kA  UL/CSA ratings	operating short-circuit current breaking capacity (Ics)	
at 690 V rated value  UL/CSA ratings  3 kA	• at 400 V rated value	53 kA
UL/CSA ratings	• at 500 V rated value	3 kA
	• at 690 V rated value	3 kA
full-load current (FLA) for 3-phase AC motor	UL/CSA ratings	
	full-load current (FLA) for 3-phase AC motor	

at 480 V rated value	1.25 A
at 600 V rated value	1.25 A
yielded mechanical performance [hp] for 3-phase AC motor	
● at 460/480 V rated value	0.5 hp
at 575/600 V rated value	0.5 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 short-circuit release required</li> </ul>	6A gL/gG/400V
<ul> <li>for short-circuit protection of the signaling switch of the overload release required</li> </ul>	4A gL/gG/400V
Installation/ mounting/ dimensions	
mounting position	any
mounting position recommended	vertical, on horizontal standard DIN rail
fastening method	screw and snap-on mounting
height	191 mm
width	45 mm
depth	165 mm
Connections/ Terminals	
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	spring-loaded terminals
for auxiliary and control circuit	spring-loaded 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)
finely stranded without core end processing	2x (1.5 6 mm²)
type of connectable conductor cross-sections	
<ul> <li>for auxiliary contacts</li> </ul>	
— solid	2x (0.25 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>for AWG cables for auxiliary contacts</li> </ul>	2x (24 16)
Safety related data	
proportion of dangerous failures	
with low demand rate according to SN 31920	40 %
with high demand rate according to SN 31920	50 %
B10 value with high demand rate according to SN 31920	3 000 000
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
IEC 61508	
T1 value for proof test interval or service life according to IEC 61508	20 a
Electrical Safety	
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  product function control circuit interface with IO link	No No
product function control circuit interface with IO link	No
Electromagnetic compatibility	
conducted interference	

<ul> <li>due to burst according to IEC 61000-4-4</li> </ul>	4 kV main contacts, 2 kV auxiliary contacts
<ul> <li>due to conductor-earth surge according to IEC 61000-4-5</li> </ul>	4 kV main contacts, 2 kV auxiliary contacts
<ul> <li>due to conductor-conductor surge according to IEC 61000-4-5</li> </ul>	2 kV main contacts, 1 kV auxiliary contacts
<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	2
Approvals Certificates	
General Product Approval	







Confirmation





**EMV** 

**Functional Saftey** 

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

other

**Dangerous Good** 



Confirmation

**Transport Information** 

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=3RA6120-2BB32

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RA6120-2BB32}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA6120-2BB3

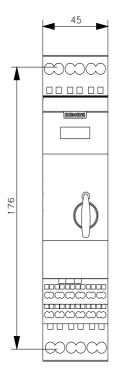
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

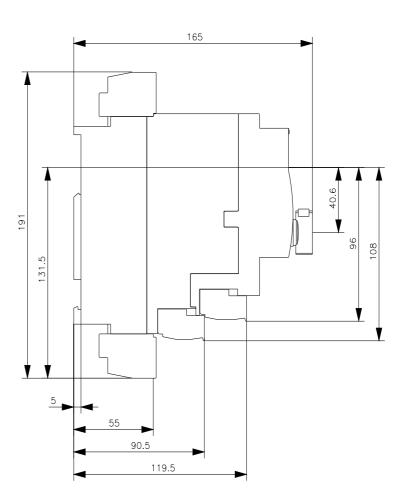
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA6120-2BB32&lang=en

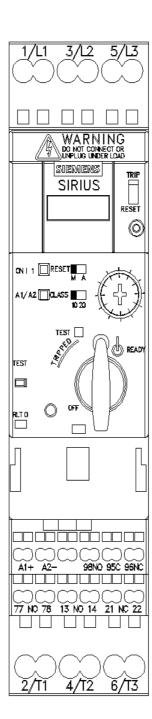
Characteristic: Tripping characteristics, I2t, Let-through current

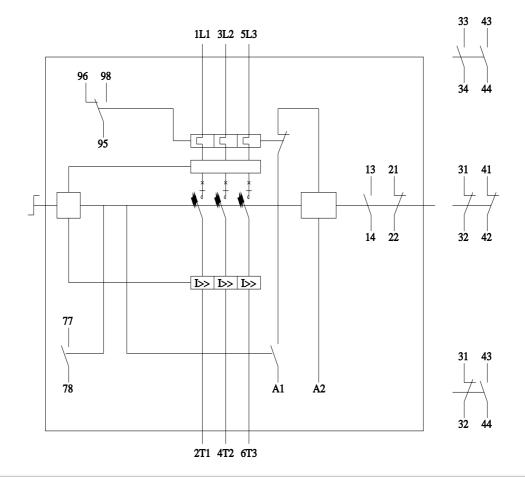
https://support.industry.siemens.com/cs/ww/en/ps/3RA6120-2BB32/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA6120-2BB32&objecttype=14&gridview=view1









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