



circuit breaker size S0 for system protection without phase failure protection A-release 0.11...0.16 A short-circuit release 2.1 A screw terminal standard switching capacity

product brand name	SIRIUS
product designation	Circuit breaker
design of the product	for system protection
product type designation	3RV2
General technical data	
Substance Prohibition (Date)	10/01/2009
Net Weight	0.284 kg
Main circuit	
adjustable current response value current of the current-dependent overload release	0.11 ... 0.16 A
type of voltage for main current circuit	AC
Short-circuit protection	
design of the short-circuit trip	magnetic
Installation/ mounting/ dimensions	
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
Connections/ Terminals	
arrangement of electrical connectors for main current circuit	Top and bottom
Safety related data	
product function suitable for safety function	Yes
suitability for use	
• safety-related switching on	No
• safety-related switching OFF	Yes
service life maximum	10 a
test wear-related service life necessary	Yes
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	5 000
failure rate [FIT] with low demand rate according to SN 31920	50 FIT
ISO 13849	
device type according to ISO 13849-1	3
overdimensioning according to ISO 13849-2 necessary	Yes
IEC 61508	
safety device type according to IEC 61508-2	Type A

Approvals Certificates

Environmental Product Declaration

• global warming potential [CO2 eq] / during manufacturing	2.68 kg
• global warming potential [CO2 eq] / during sales	0.143 kg
• global warming potential [CO2 eq] / during operation	72.7 kg
• global warming potential [CO2 eq] / after end of life	-0.445 kg
• global warming potential [CO2 eq] / total	75.078 kg

Environment



[Environmental Confirmations](#)



General Product Approval



Test Certificates

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

Maritime application



other

[Confirmation](#)

[Miscellaneous](#)



Railway

[Special Test Certificate](#)

[Confirmation](#)

Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3RV2021-0AA10-0DA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RV2021-0AA10-0DA0>

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

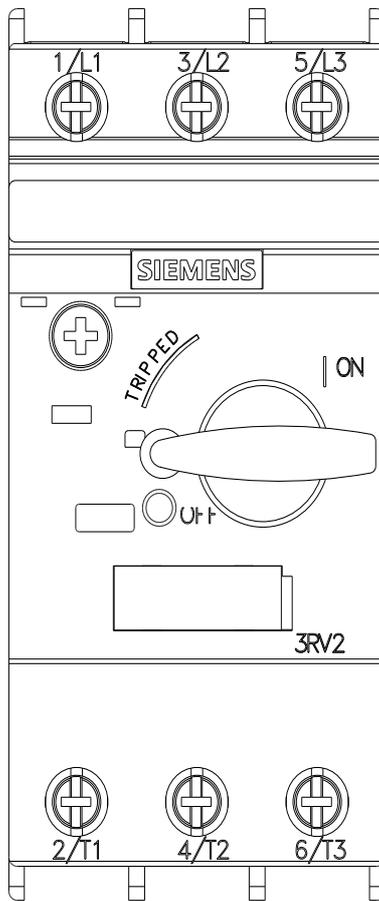
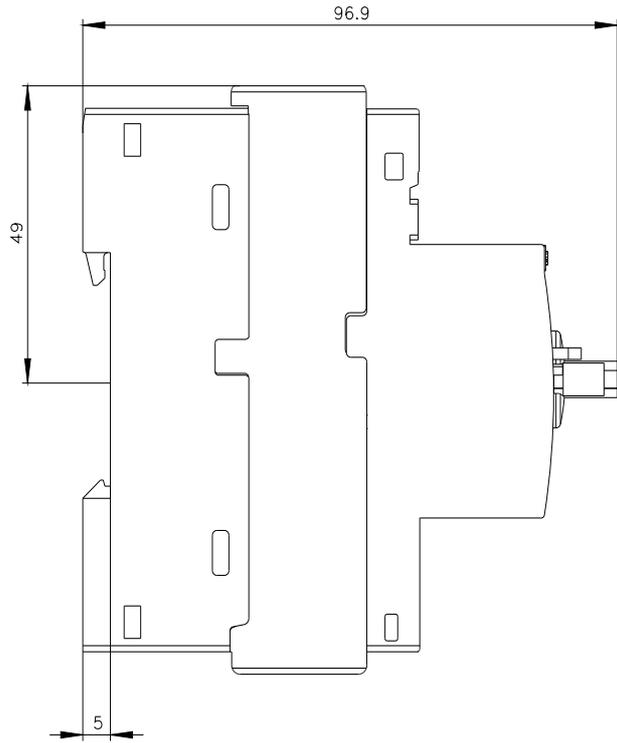
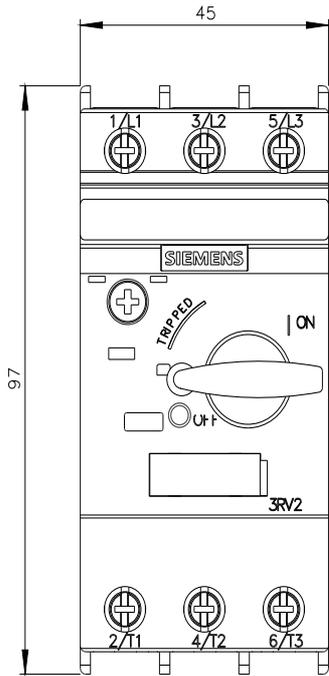
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2021-0AA10-0DA0&lang=en

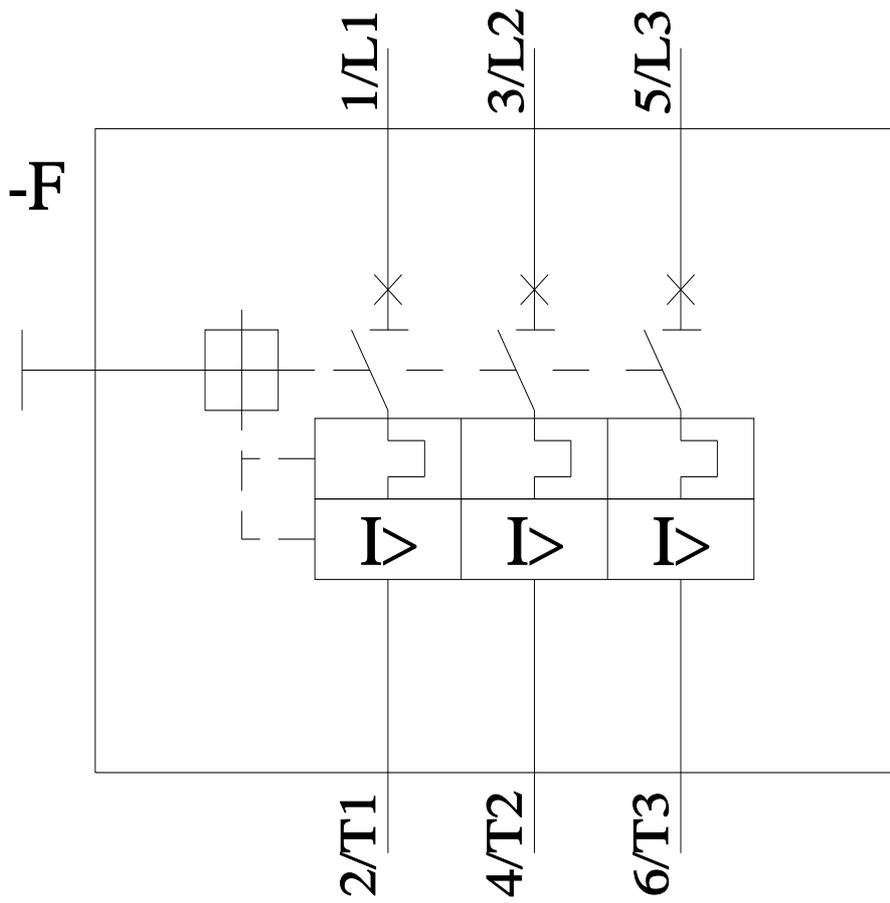
Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2021-0AA10-0DA0>

Characteristic curves

[https://curves.simarisiemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>](https://curves.simarisiemens.com/curves/<mmp_prod_noCOMP=)





last modified:

11/11/2025 