

Solid-state contactor 1-phase 3RF2 AC 51 / 20 A / 40 °C 24-230 V / 24 V DC short circuit-proof with B miniature circuit breaker Reusable packaging 80 units

product brand name	SIRIUS
product designation	solid-state contactor
design of the product	1-pole
product type designation	3RF23
General technical data	
surge voltage resistance of main circuit rated value	6 kV
protection class IP on the front according to IEC 60529	IP20
Substance Prohibition (day/month/year)	05/28/2009
SVHC substance name	Lead CAS-No. 7439-92-1 Lead monoxide (lead oxide) CAS-No. 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5 Melamine CAS-No. 108-78-1 Dibutylbis(pentane-2,4-dionato-O,O')tin CAS-No. 22673-19-4
Net Weight	0.217 kg
Main circuit	
type of voltage of the operating voltage	AC
operational current	
• according to UL 508 rated value	17.6 A
Installation/ mounting/ dimensions	
fastening method	screw fixing and snap-on mounting on standard mounting rail 35 mm according to IEC 60715
height	95 mm
width	22.5 mm
depth	120 mm
Connections/ Terminals	
product component removable terminal for auxiliary and control circuit	Yes
stripped length of the cable	
• for main contacts	10 mm
• for auxiliary and control contacts	7 mm
UL/CSA ratings	
operational current according to UL 508 rated value	17.6 A
Electrical Safety	
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Short-circuit protection, design of the fuse link	
manufacturer's article number	
• of DIAZED fuse usable	5SB2711
Approvals Certificates	
Environment	General Product Approval

[Environmental Confirmations](#)



EMV	Test Certificates	other
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Confirmation](#)

[Miscellaneous](#)

[Confirmation](#)

other

Railway



[Special Test Certificate](#)

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=3RF2320-1DA02-Z X95>

Cax online generator

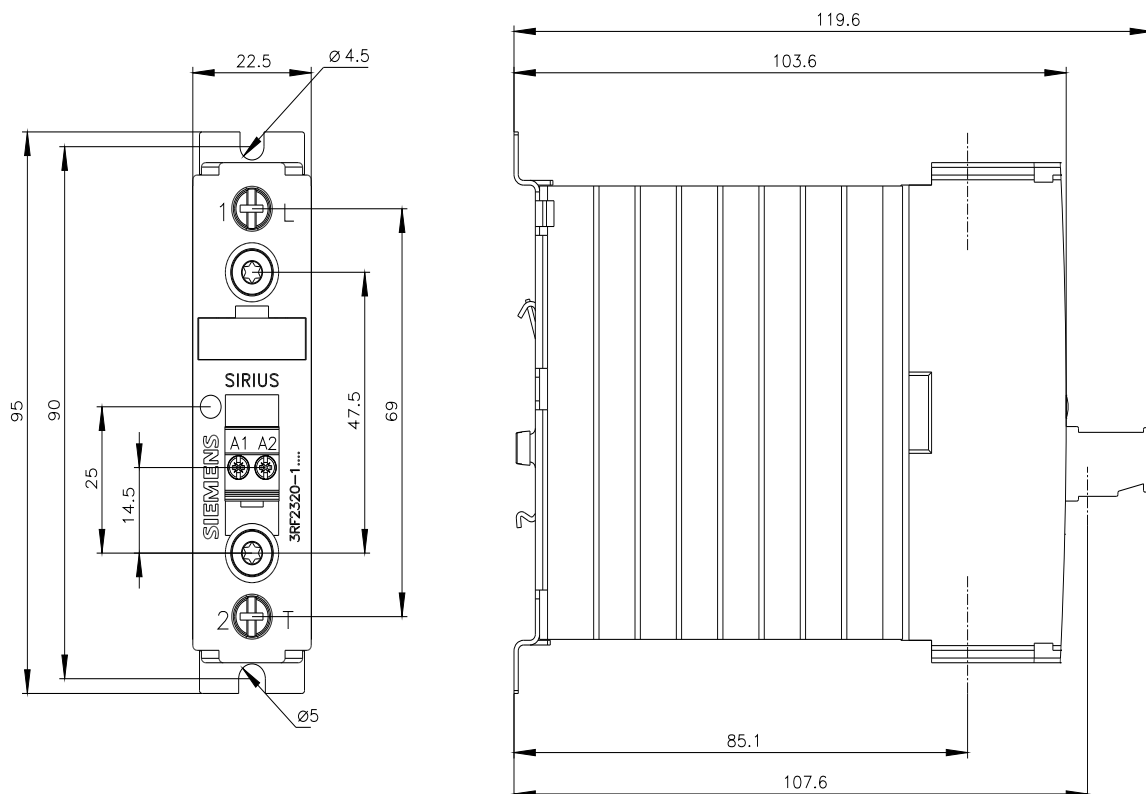
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RF2320-1DA02-Z X95>

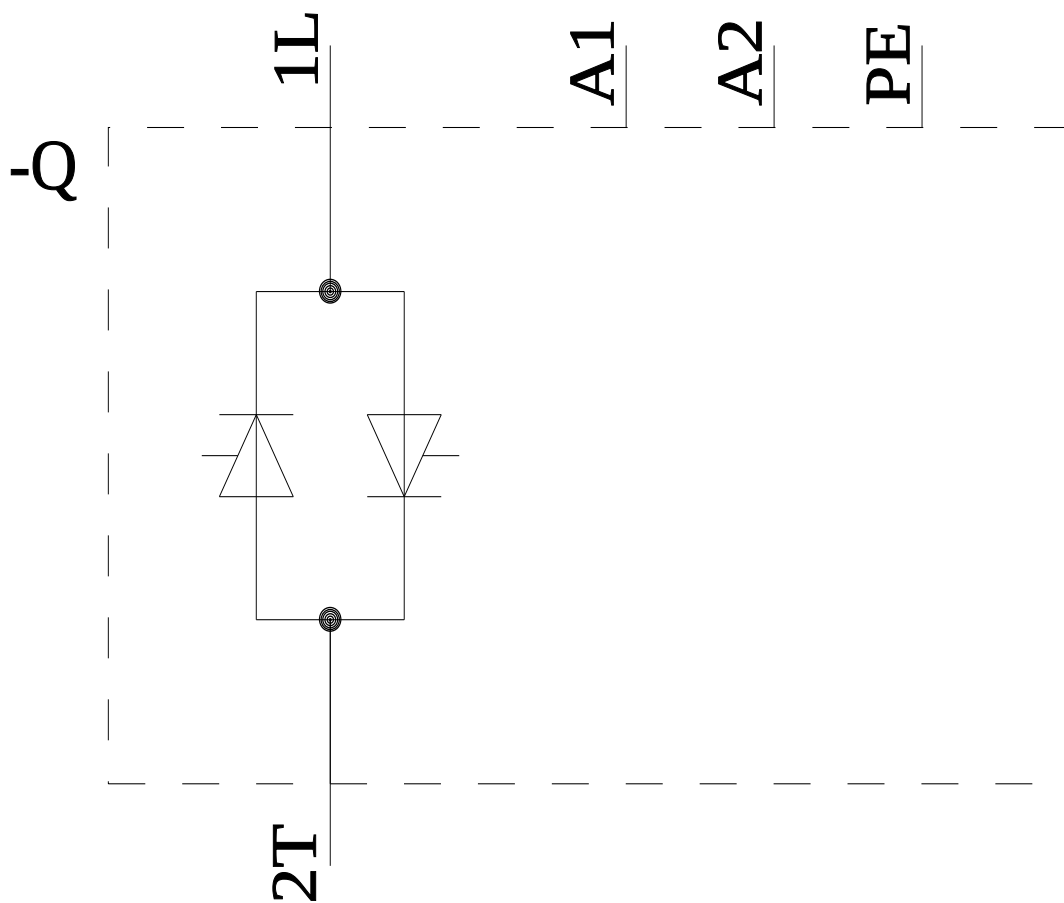
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RF2320-1DA02-Z X95>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RF2320-1DA02-Z X95&lang=en





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9/18/2025 