



circuit breaker frame size S0 for motor protection, class 10 A-release 1.8...2.5 A
short-circuit release 33 A screw terminal standard switching capacity multi-unit
packaging pack = 12 units

General technical data	
Substance Prohibition (Date)	10/01/2009
SVHC substance name	Lead - 7439-92-1
Net Weight	0.36 kg
Main circuit	
type of voltage for main current circuit	AC
UL/CSA ratings	
Category Control Number (CCN)	E156943 (NKJH, NKJH7)
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	
General Product Approval	For use in hazardous locations



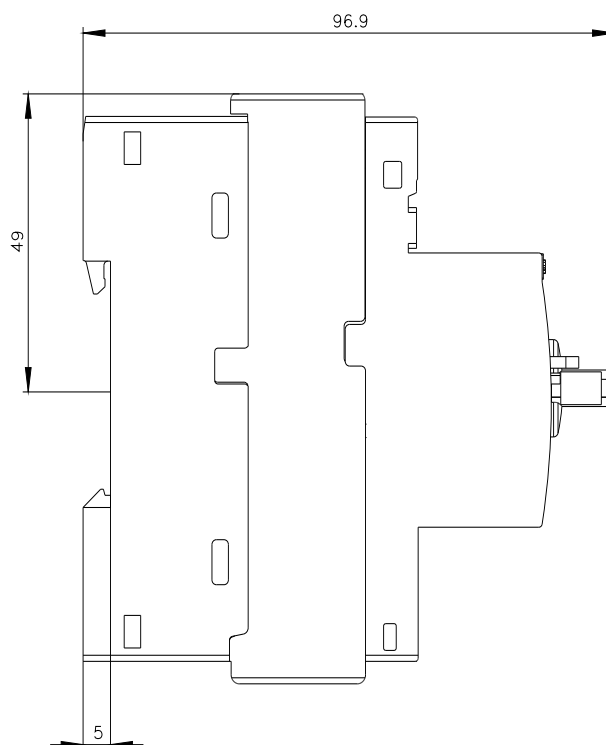
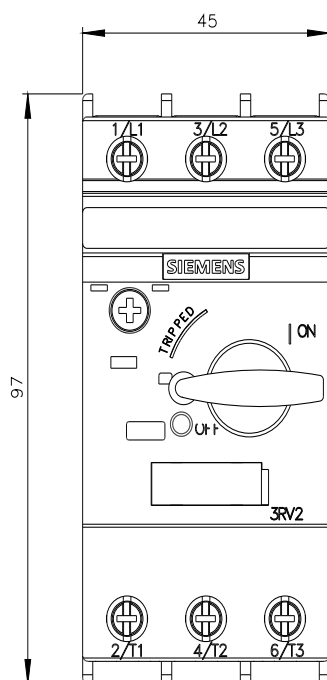
Test Certificates	Maritime application	other
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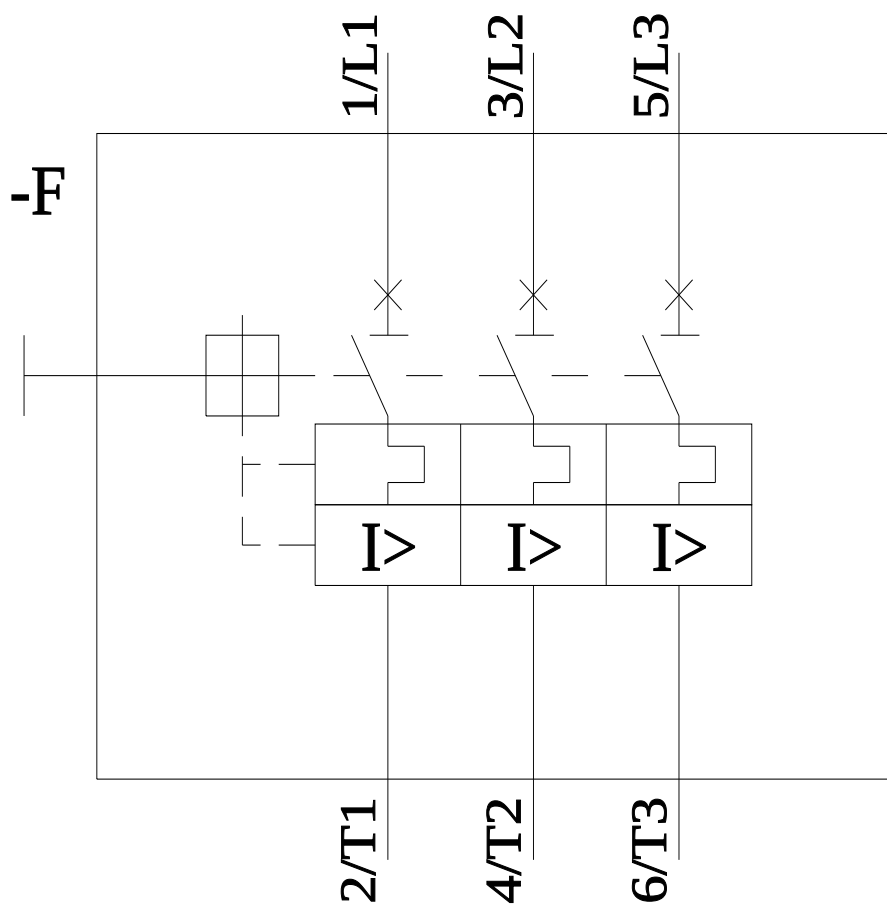
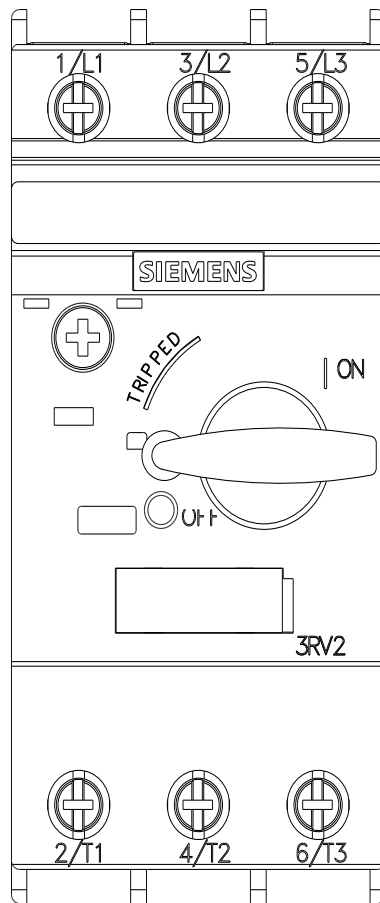


other

Railway

Environment

[Special Test Certificate](#)[Environmental Confirmations](#)**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=3RV2021-1CA10-Z W97>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<https://support.industry.siemens.com/cs/ww/en/ps/3RV2021-1CA10-Z W97>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2021-1CA10-Z W97&lang=en**Cax online generator**<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2021-1CA10-Z W97>**Characteristic curves**https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP='HAUPT'></mmp_prod_no>



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