SIEMENS

Data sheet 5ST3031



Figure similar

shunt release 24-48 V DC, for miniature circuit breaker 5SL4, 5SY, 5SP, RCBO 5SU1, FI 5SV (for 5SU1 handle coupler 5ST3805-1 is required)

Model	
product brand name	SENTRON
product designation	Shunt trip
design of the product	Mountable
design of the product factory mounted	No
electrical endurance (operating cycles) typical	10 000
Current	
operational current at DC rated value	0.05 A
Supply voltage	
operating voltage	
● rated value	48 V
● at AC rated value minimum	24 V
● at AC rated value maximum	48 V
● at DC rated value minimum	24 V
● at DC rated value maximum	48 V
protection class IP	IP20
Control current	
type of voltage of control voltage	AC/DC
Product details	
number of fault signal contacts	0
number of NC contacts	2
number of NO contacts	0
number of CO contacts	0
product extension can be mounted	Universal
product extension	shunt trip
Connections	
connectable conductor cross-section	
● minimum	0.5 mm²
● maximum	2.5 mm²
AWG number as coded connectable conductor cross section	
● minimum	24
● maximum	12
tightening torque with screw-type terminals	
● maximum	0.8 N·m
Mechanical Design	
height	90 mm
width	18 mm

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depth	70 mm
number of modular width units	1
Net Weight	98 g
Environmental conditions	
standard	IEC/EN60947-1
ambient temperature during operation	
● minimum	-25 °C
● maximum	55 °C
ambient temperature during storage minimum	-40 °C

Approvals Certificates

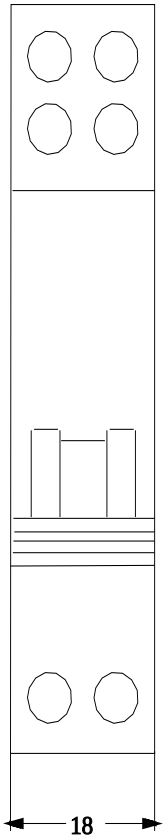
General Product Approval				other	
		Miscellaneous		Confirmation	

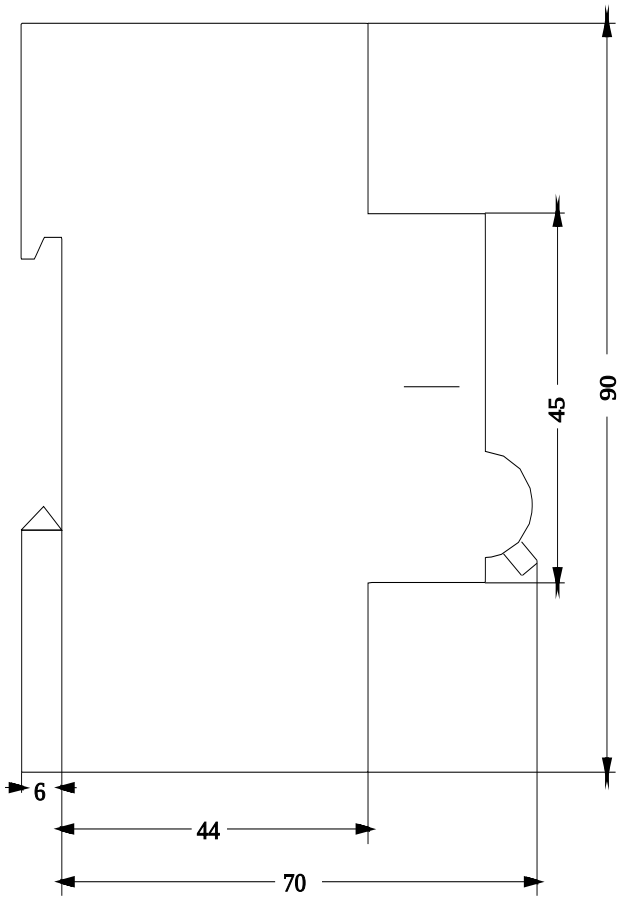
other	Railway	Environment	
Miscellaneous	Special Test Certific-ate	Environmental Con-firmations	Environmental Con-firmations

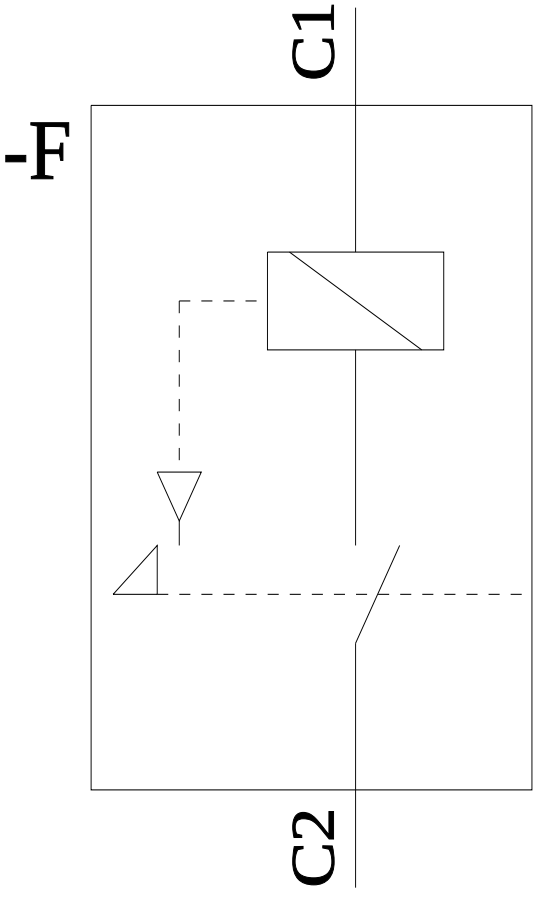
Further information

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/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5ST3031
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5ST3031
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3031
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications

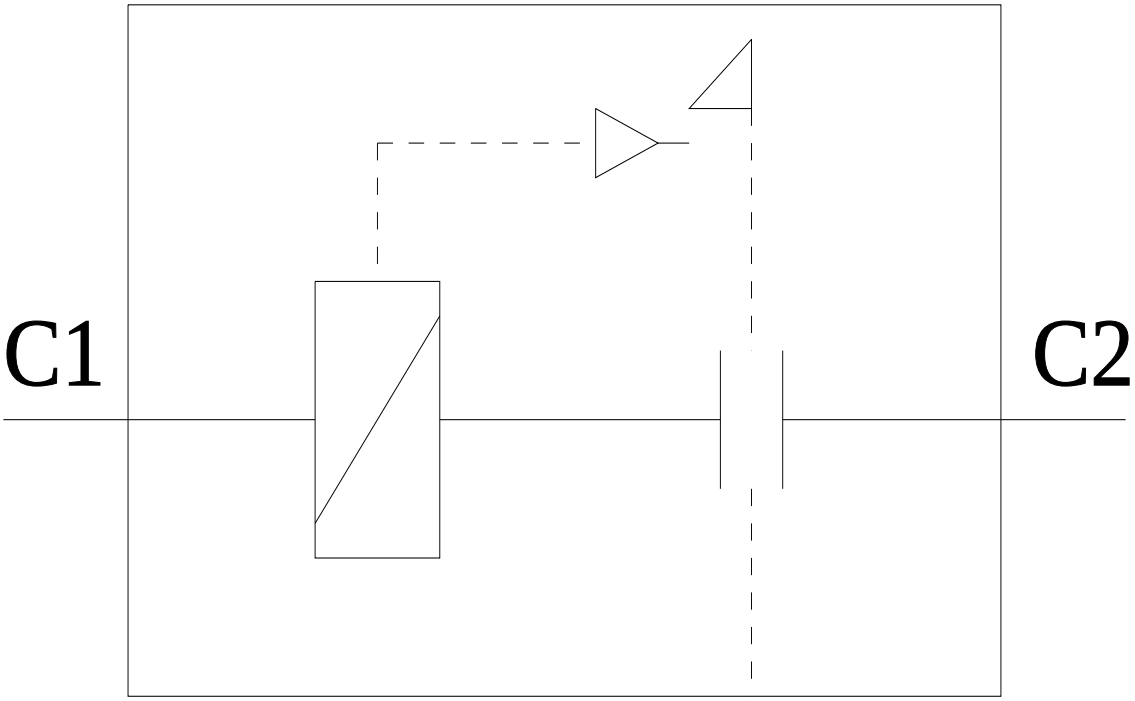
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