SIEMENS

Data sheet 5ST3012



Figure similar

auxiliary switch 2 NC for miniature circuit breakers 5SL, 5SY, 5SP, incorporated switch 5TL1, RCBO 5SU1 (without 5SU1…FP/FR), RCCB 5SV (for 5SU1, handle coupler 5ST3805-1 is required)

Model	
product brand name	SENTRON
product designation	auxiliary switches
design of the product	Mountable
design of the product factory mounted	No
electrical endurance (operating cycles) typical	10 000
Voltage	
insulation voltage rated value	440 V
surge voltage resistance rated value	4 kV
Current	
operational current at DC rated value	0.01 A
Supply voltage	
supply voltage at DC rated value	
● minimum	12 V
operating voltage	
● rated value	400 V
● at AC rated value minimum	12 V
● at DC rated value minimum	12 V
protection class IP	IP20
Control current	
type of voltage of control voltage	AC/DC
Product details	
product component	
● auxiliary switch	Yes
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	auxiliary switch
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

Subject to change without notice
© Copyright Siemens

tightening torque with screw-type terminals	
● maximum	0.5 N·m
Mechanical Design	
height	90 mm
width	9 mm
depth	70 mm
number of modular width units	1
Net Weight	63 g
Environmental conditions	
standard	IEC/EN60947-5-1; IEC/EN62019
ambient temperature during operation	
● minimum	-25 °C
● maximum	55 °C
ambient temperature during storage minimum	-40 °C

Approvals Certificates

Environment

Environmental Confirmations





Environmental Confirmations

General Product Approval





General Product Approval



Miscellaneous



Confirmation





General Product Approval



Maritime application





other



Confirmation

Miscellaneous

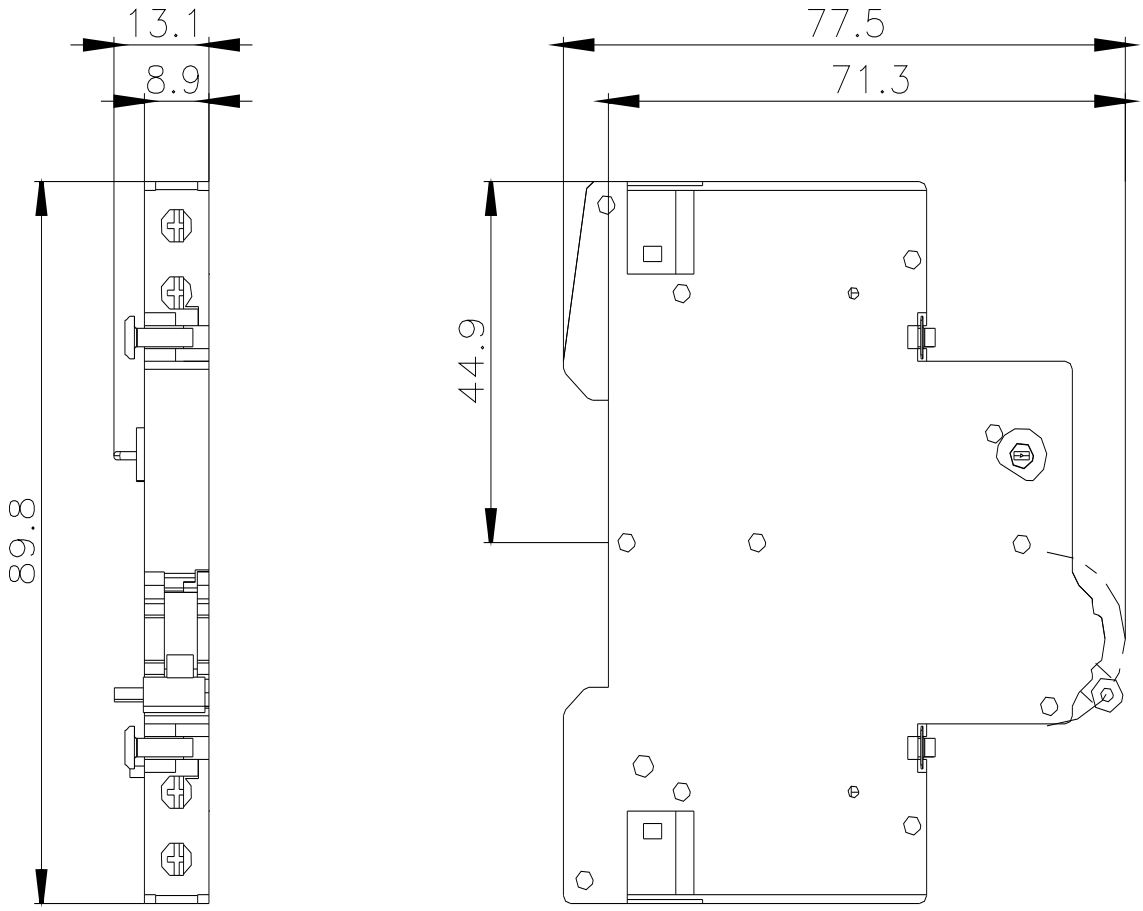
Railway

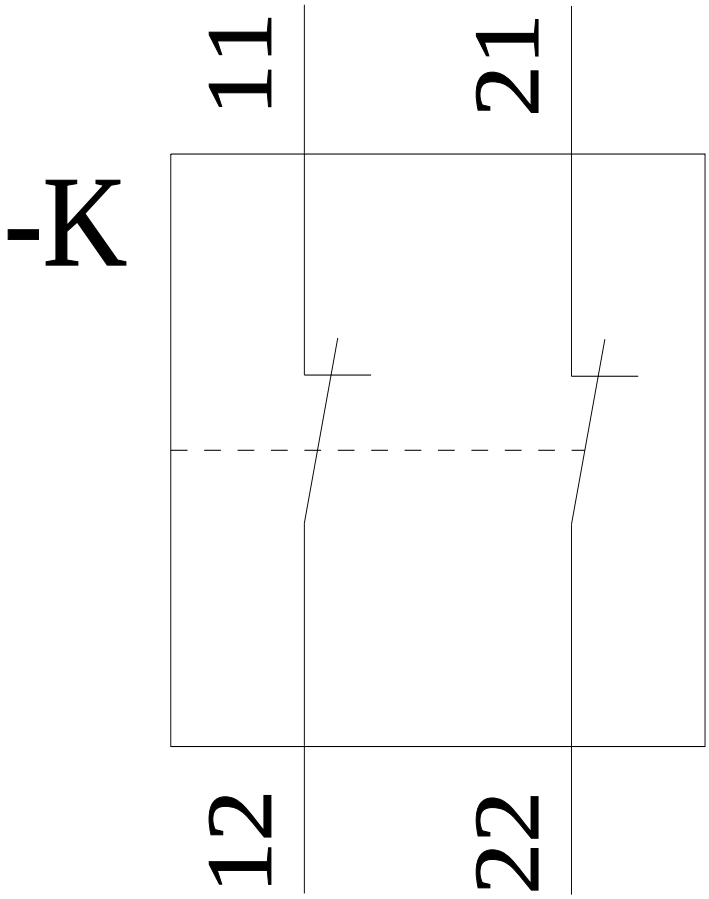
Special Test Certificate

Further information

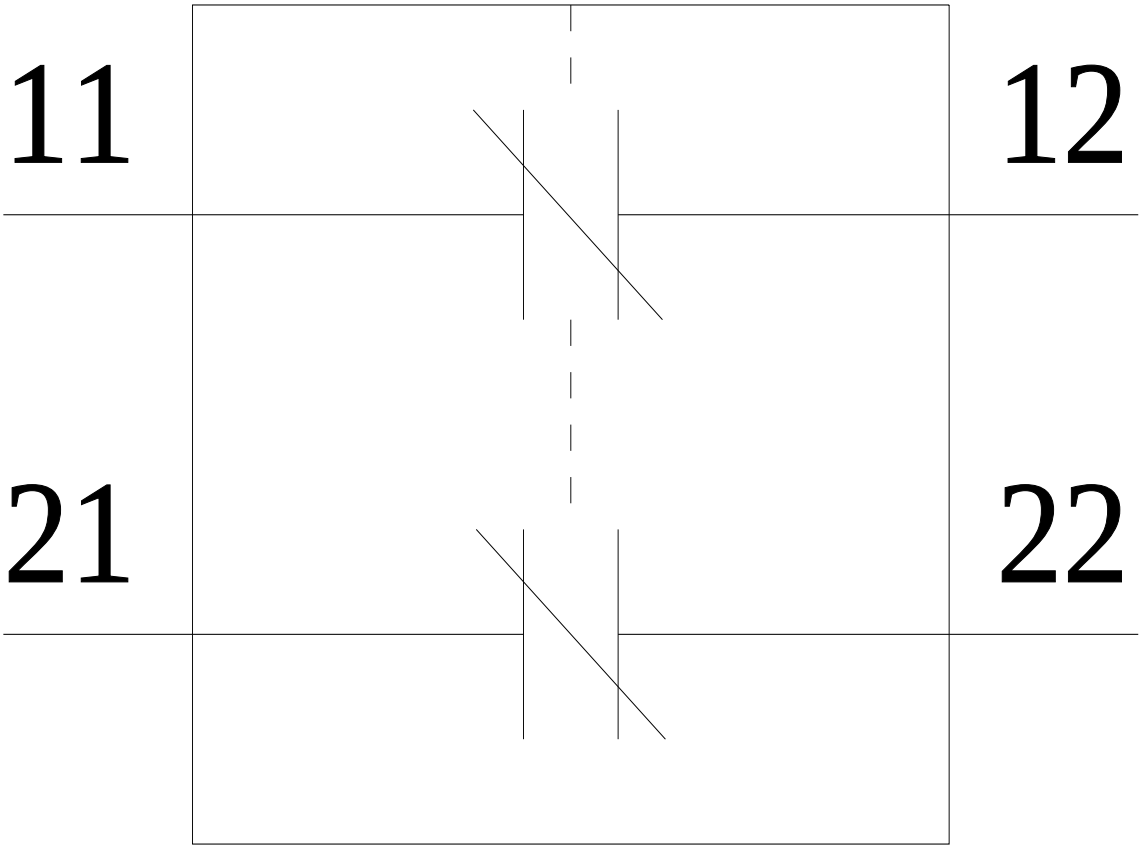
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5ST3012
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5ST3012
Image database (product images, 2D dimension drawings, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3012
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/5ST3012

Subject to change without notice
© Copyright Siemens





Subject to change without notice
© Copyright Siemens



last modified: 5/5/2026

Subject to change without notice
© Copyright Siemens

Subject to change without notice
© Copyright Siemens