SIEMENS

Data sheet 5ST3010-2



auxiliary switch with test button 1 NO + 1 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
Current	
operational current at DC rated value	0.05 A
Supply voltage	
supply voltage at DC rated value	
● minimum	24 V
operating voltage	
● at AC rated value minimum	24 V
● at DC rated value minimum	24 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	1
number of NO contacts	1
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
tightening torque with screw-type terminals	
● maximum	1 N·m
Mechanical Design	

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height	90 mm
width	9 mm
depth	70 mm
number of modular width units	1
Net Weight	68 g

Environmental conditions

standard	IEC/EN60947-5-1; IEC/EN62019; GB14048.5
ambient temperature during operation	
● minimum	-25 °C
● maximum	55 °C
ambient temperature during storage minimum	-40 °C

Approvals Certificates

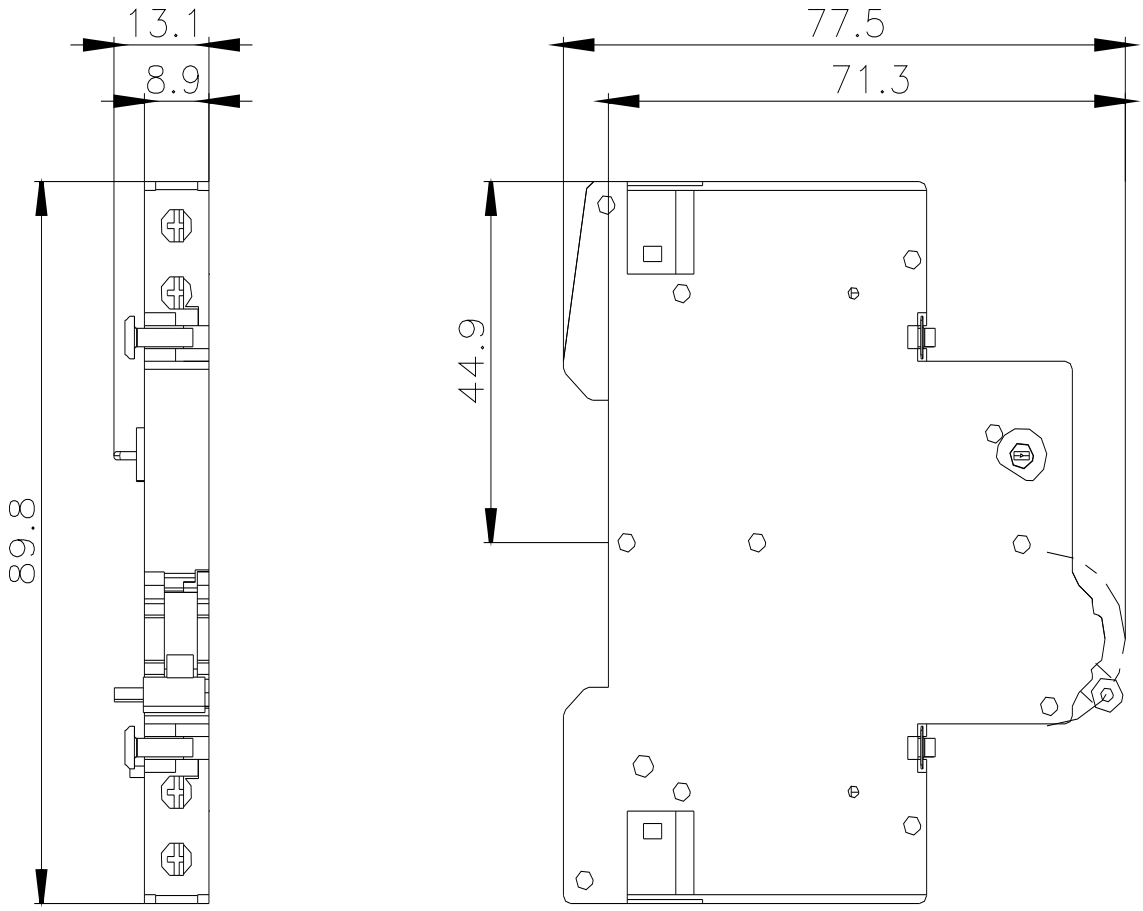
Environment				General Product Approval	
Environmental Confirmations	Environmental Confirmations			Miscellaneous	

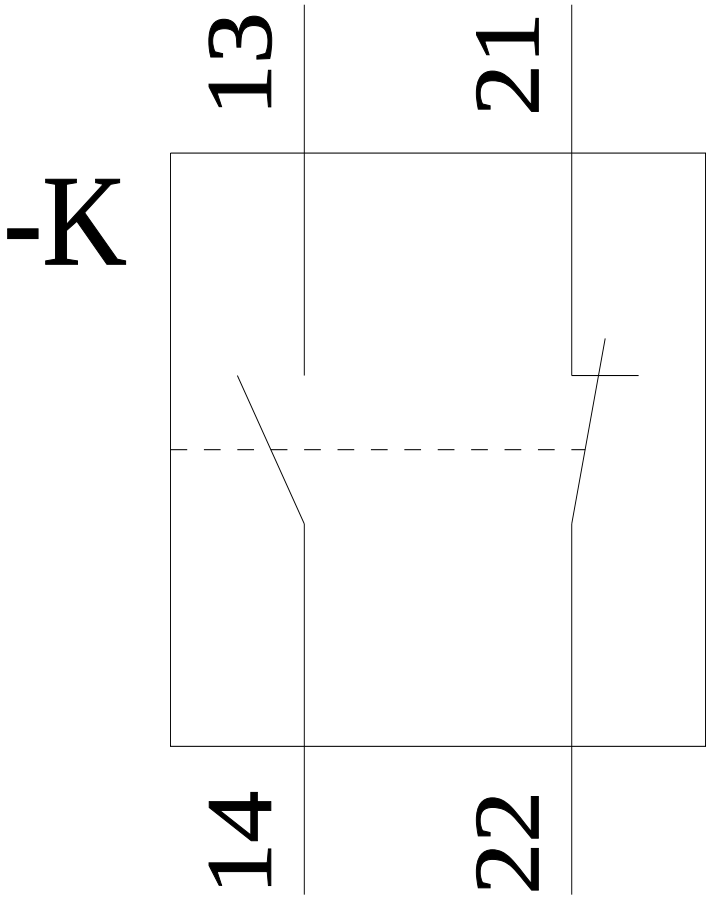
General Product Approval			other	Railway	
Confirmation			Confirmation	Special Test Certificate	

Further information

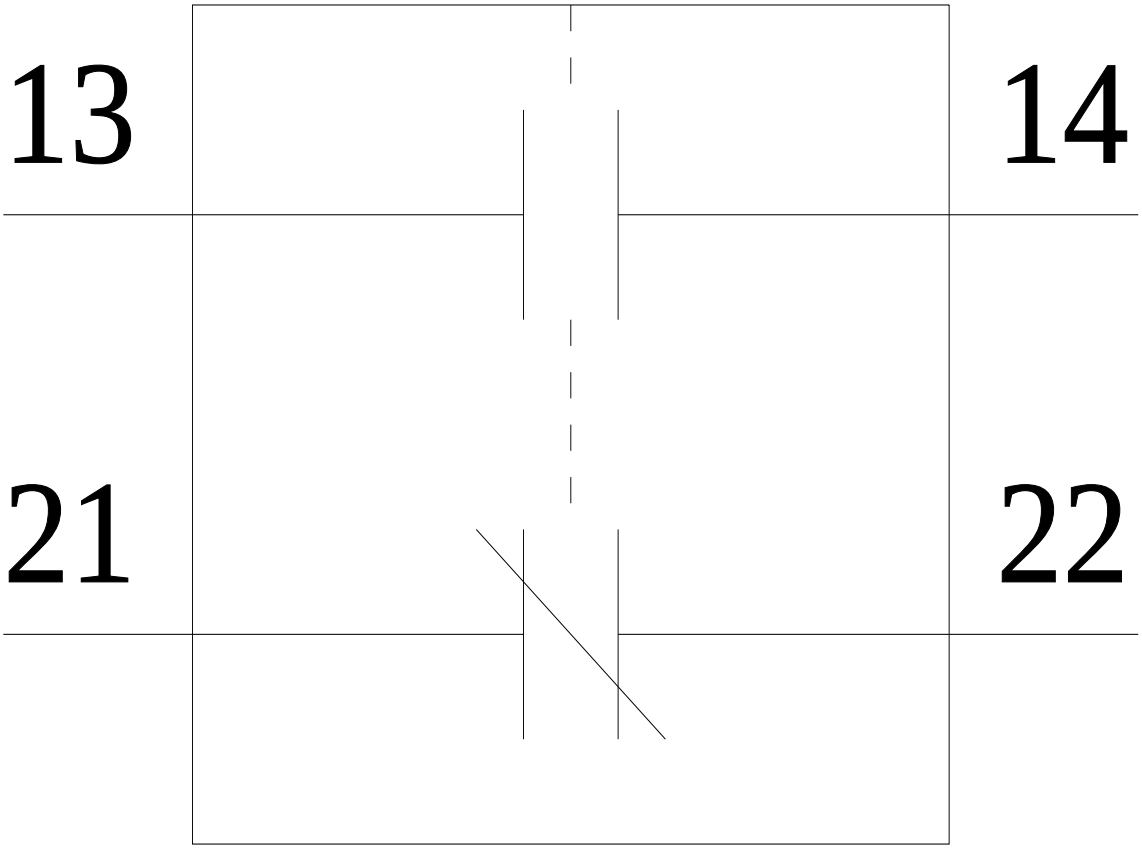
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5ST3010-2
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5ST3010-2
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3010-2
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
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https://curves.simaris.siemens.com/curves/5ST3010-2

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