



auxiliary current switch, 2 NC for miniature circuit breaker 5SL, 5SY, 5SP
Incorporated switch 5TL1, RCBO 5SU1, FI 5SV (for 5SU1 handle coupler
5ST3805-1 is required)

Model	
product brand name	SENTRON
product designation	Auxiliary current switch
design of the product	Mountable
design of the product / factory mounted	No
electrical endurance (switching cycles) / typical	10 000
Voltage	
insulation voltage / rated value	440 V
surge voltage resistance / rated value	4 kV
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
operating frequency	50/60 Hz
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 mm ²
• maximum	2.5 mm ²
tightening torque / with screw-type terminals	
• maximum	1 N·m
type of connectable conductor cross-sections / at AWG cables	24 ... 12
Mechanical Design	
height	90 mm

width	9 mm
depth	70 mm
number of modular width units	1
net weight	67 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 permissible	-40 °C
• maximum permissible	75 °C
General Product Approval	







[Confirmation](#)



[Miscellaneous](#)



Declaration of Conformity	Test Certificates	Marine / Shipping	other
			
	Miscellaneous		Miscellaneous

Railway

[Confirmation](#) [Vibration and Shock](#)

Further information

- Information- and Downloadcenter (Catalogs, Brochures,...)
<http://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, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3012
- CAX-Online-Generator
<http://www.siemens.com/cax>
- Tender specifications
<http://www.siemens.com/specifications>

