SIEMENS

Data sheet 5ST3057



Figure similar

remote operating mechanism 5ST3 ARD 12-30 V AC / 12-48 V DC; 2 MW; for CB, RCCB, RC units, RCBO, ON/OFF switch

Model	
product brand name	SENTRON
product designation	Remote controlled mechanism Power + ARD
design of the product	Mountable
display version LED	Yes
design of the product factory mounted	No
electrical endurance (operating cycles) typical	10 000
Supply voltage	
operating voltage	
● rated value	24 V
● at AC rated value minimum	12 V
● at AC rated value maximum	30 V
● at DC rated value minimum	12 V
● at DC rated value maximum	48 V
protection class IP	IP20
Dissipation	
power loss [V·A] during standby	1 W
Control current	
type of voltage of control voltage	AC/DC
Product details	
product feature interlock	Yes
product component	
● **fault signal contact**	Yes
● auxiliary switch	Yes
number of fault signal contacts	1
number of NC contacts	0
number of NO contacts	0
number of CO contacts	1
design of the auxiliary switch	1 CO contact, 2 A, 250 V AC
product extension can be mounted	Universal
product extension	Remote operating mechanism ARD
type of fault signal contact	1 CO, 5 A, 250 V AC
number of remote reset per minute	2
number of attempts for automatic resetting (standard)	3
Connections	
wire length in the control circuit	1 500 m
connectable conductor cross-section	
● minimum	0.5 mm²

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• maximum	1.5 mm²
AWG number as coded connectable conductor cross section	
• minimum	30
• maximum	14
tightening torque with screw-type terminals	
• minimum	0.2 N·m
• maximum	0 N·m

Mechanical Design

height	90 mm
width	36 mm
depth	70 mm
number of modular width units	2
Net Weight	212.5 g

Environmental conditions

ambient temperature during operation	
• minimum	-25 °C
• maximum	45 °C
ambient temperature during storage minimum	-40 °C

Approvals Certificates

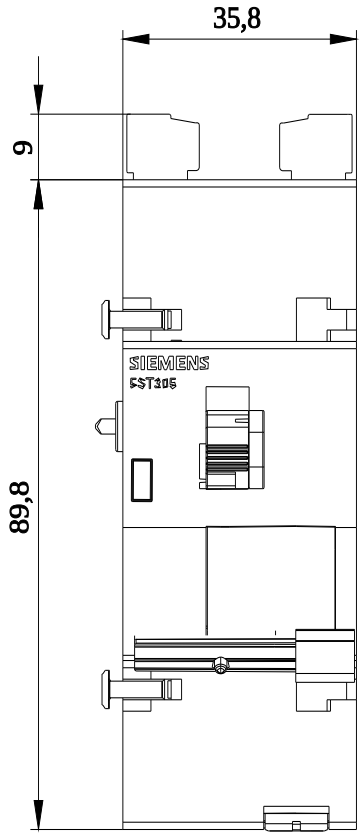
General Product Approval					other
UKCA	CE EG-Konf.	Confirmation	Miscellaneous	EAC	Confirmation

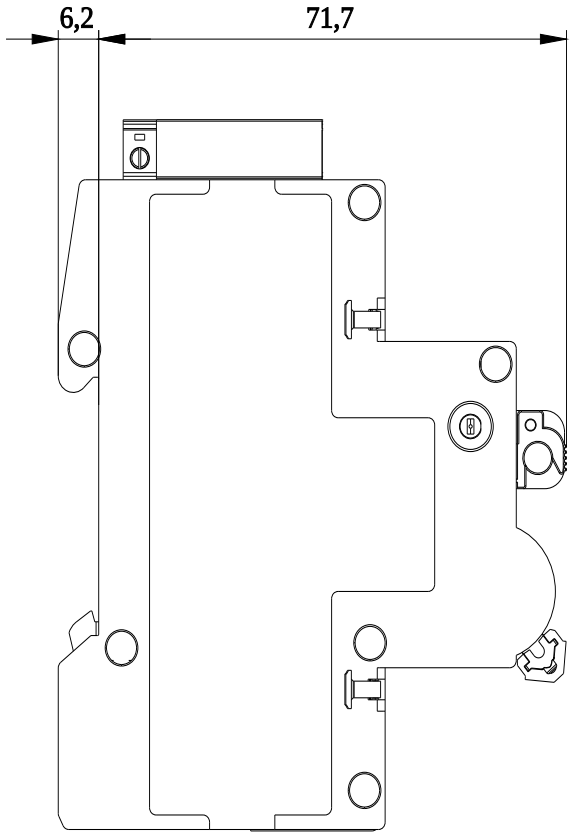
other	Dangerous goods	Environment		
产品合格 QC PASS	Transport Information	Environmental Confirmations	EPD	Environmental Confirmations

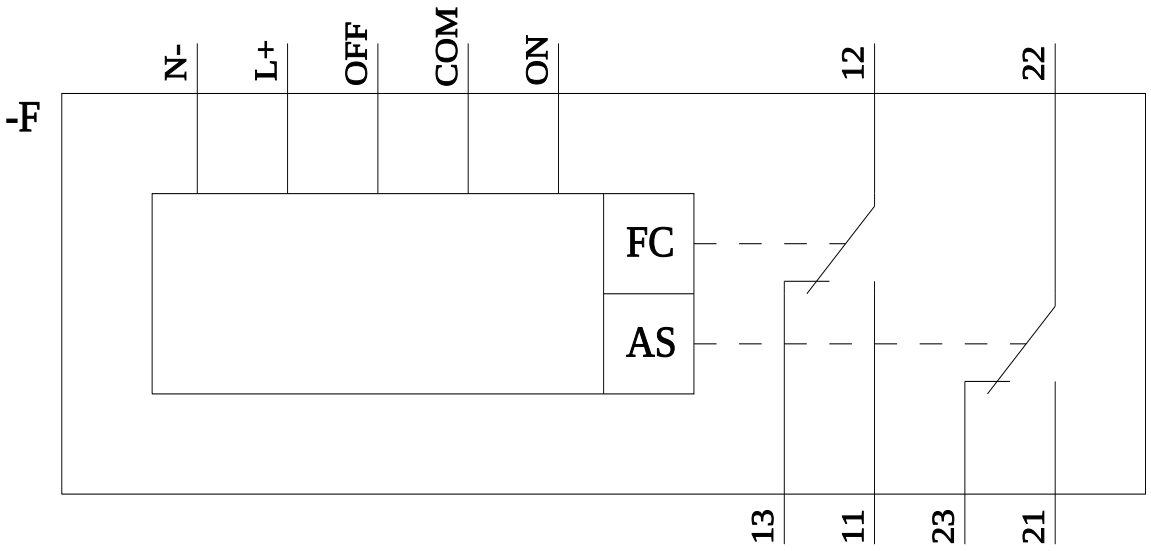
Further information

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/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5ST3057
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5ST3057
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3057
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications

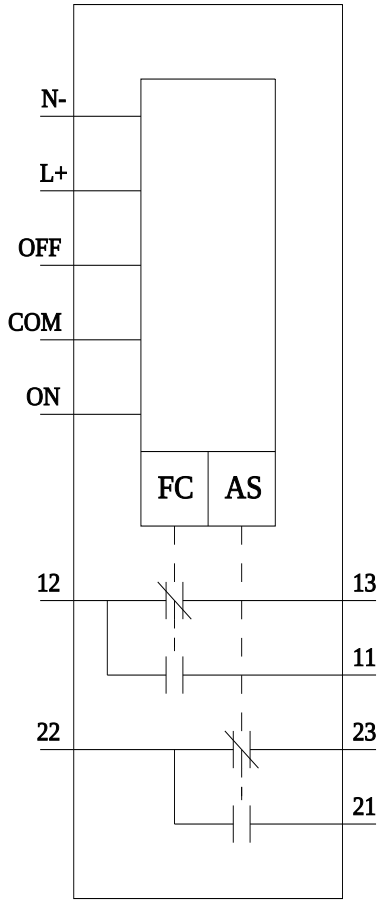
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