



remote operating mechanism 5ST3 Basic 12-30 V AC / 12-48 V DC; 1.5 MW; for CB, RCBO up to 3-pole, on-off switch

Model	
product brand name	SENTRON
product designation	Remote controlled mechanism Basic
design of the product	Mountable
display version LED	No
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	No
product component	
• fault signal contact	No
• auxiliary switch	No
number of fault signal contacts	0
number of NC contacts	0
number of NO contacts	0
number of CO contacts	0
product extension can be mounted	Universal
product extension	remote operating mechanism
number of remote reset per minute	2
Connections	
wire length in the control circuit	1 500 m
connectable conductor cross-section	
• minimum	0.5 mm <sup>2</sup>
• maximum	1.5 mm <sup>2</sup>
AWG number as coded connectable conductor cross section	
• minimum	30

<ul style="list-style-type: none"> <li>• maximum</li> </ul>	14
<b>tightening torque with screw-type terminals</b>	
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	0.2 N·m
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	0.25 N·m

#### Mechanical Design

<b>height</b>	90 mm
<b>width</b>	27 mm
<b>depth</b>	70 mm
<b>number of modular width units</b>	2
<b>Net Weight</b>	191 g

#### Environmental conditions

<b>ambient temperature during operation</b>	
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	-25 °C
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	45 °C
<b>ambient temperature during storage minimum</b>	-40 °C

#### Approvals Certificates

<b>Environment</b>	General Product Approval
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[Environmental Con-  
firmations](#)

[Environmental Con-  
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[Miscellaneous](#)



#### 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=5ST3053>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3053>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5ST3053](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3053)

**CAX-Online-Generator**

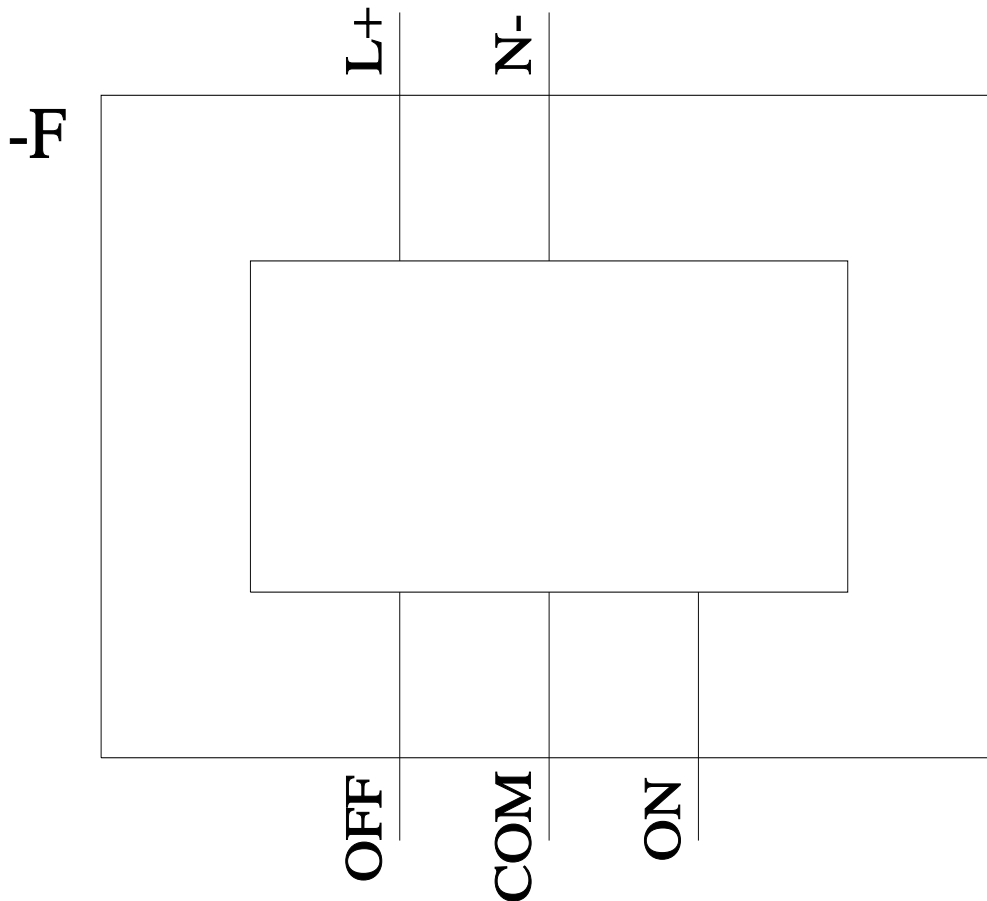
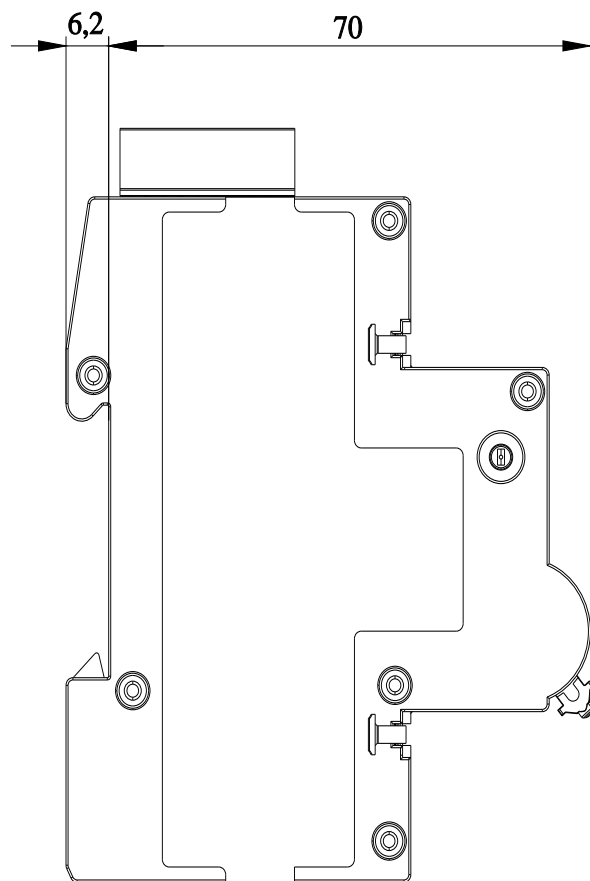
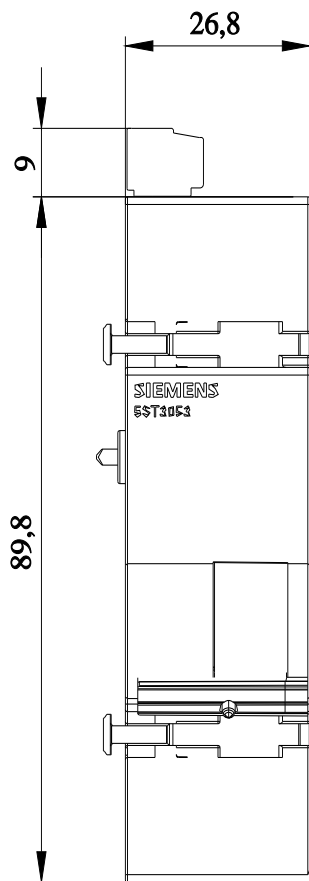
<https://www.siemens.com/cax>

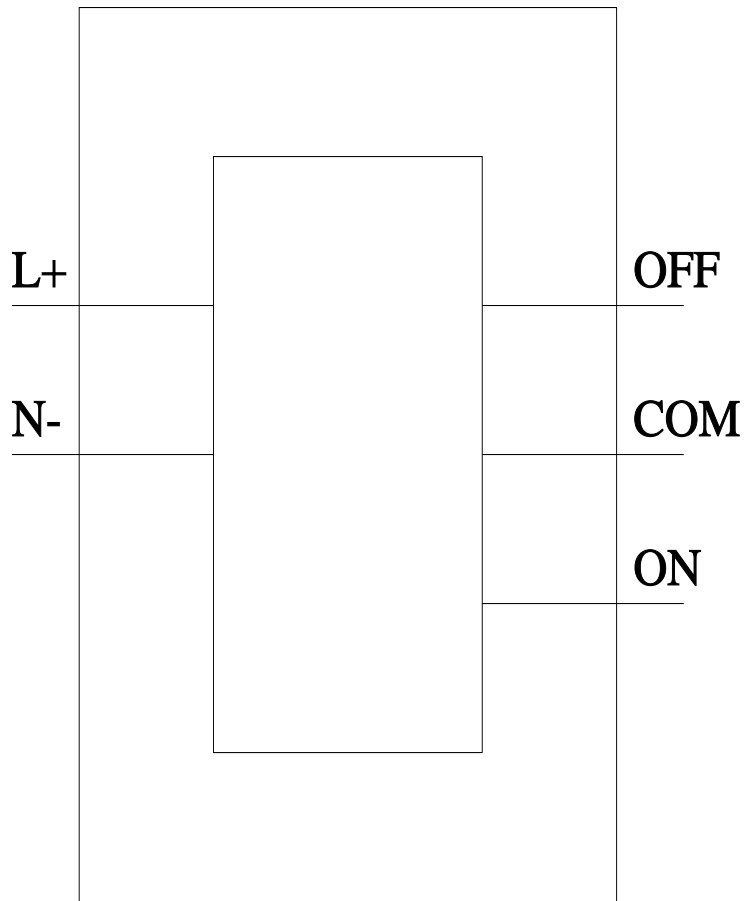
**Tender specifications**

<https://www.siemens.com/specifications>

**Characteristic curves**

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP="HAUPT"></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)





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