

SENTRON, 3LD switch disconnecter, EMERGENCY-STOP switch, 3-pole, Iu:25 A, Operational power / at AC-23 A at 400 V: 9,5 kW, front- mounted, rotary operating mechanism, red/yellow, 4-hole mounting of the handle



Model	
product brandname	SENTRON
Type of the driving mechanism / motor drive	No
General technical data	
Number of poles	3
Type of device	fixed mounting
Operating frequency / maximum	50 1/h
Voltage	
Insulation voltage / rated value	690 V
Surge voltage resistance / rated value	6 kV
Protection class	
Protection class IP / on the front	IP65
Dissipation	
Power loss [W]	1.1 W
<ul style="list-style-type: none"> <li>for rated value of the current / at AC / in hot operating state / per pole</li> </ul>	
Electricity	

Continuous current / rated value	25 A
Short-time current resistance (I <sub>cw</sub> ) / at 690 V / limited to 1 s / rated value	640 A

### Main circuit

<b>Operating frequency</b>	
<ul style="list-style-type: none"> <li>initial value</li> <li>Full-scale value</li> </ul>	50 Hz 60 Hz
<b>Operating power</b>	
<ul style="list-style-type: none"> <li>at AC-23 A / at 400 V / rated value</li> <li>at AC-23 A / at 690 V / rated value</li> <li>at AC-3 / at 400 V / rated value</li> <li>at AC-3 / at 690 V / rated value</li> </ul>	9.5 kW 9.5 kW 7.5 kW 7.5 kW
<b>Operating voltage</b>	
<ul style="list-style-type: none"> <li>at AC / at 50/60 Hz / rated value</li> </ul>	690 V

### Auxiliary circuit

<b>Operating voltage / of auxiliary contacts / at AC / maximum</b>	500 V
<b>Continuous current / of the auxiliary contact / rated value</b>	10 A
<b>Insulation voltage / of the auxiliary switch / rated value</b>	500 V

### Suitability

<b>Suitability for use</b>	
<ul style="list-style-type: none"> <li>Main switch</li> <li>switch disconnecter</li> <li>EMERGENCY OFF switch</li> <li>safety switch</li> <li>maintenance/repair switch</li> </ul>	Yes Yes Yes Yes Yes

### Product details

<b>Product feature / interlock</b>	Yes
<b>Product extension / optional</b>	
<ul style="list-style-type: none"> <li>motor drive</li> <li>Voltage trigger</li> </ul>	No No

### Connections

<b>Type of electrical connection</b>	
<ul style="list-style-type: none"> <li>for auxiliary contacts</li> </ul>	connection terminals

### Requirements

<b>Design of the fuse link</b>	
<ul style="list-style-type: none"> <li>for short-circuit protection of the main circuit / required</li> </ul>	fuse gL/gG: 25 A

- for short-circuit protection of the auxiliary switch / required

fuse gL/gG: 10 A

### Mechanical Design

<b>Height</b>	84 mm
<b>Width</b>	67 mm
<b>Depth</b>	92.5 mm
<b>Mounting type</b>	
<ul style="list-style-type: none"> <li>• front mounting with 4-hole attachment</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• front mounting with central attachment</li> </ul>	No
<ul style="list-style-type: none"> <li>• rail mounting</li> </ul>	No
<b>Net weight</b>	187 g

### Environmental conditions

<b>Ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation / minimum</li> </ul>	-25 °C
<ul style="list-style-type: none"> <li>• during operation / maximum</li> </ul>	55 °C

### Certificates

<b>Equipment marking</b>	
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> </ul>	S
<ul style="list-style-type: none"> <li>• acc. to DIN EN 81346-2</li> </ul>	SF

### General Product Approval

### Declaration of Conformity



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<b>Test Certificates</b>	<b>Shipping Approval</b>	<b>other</b>
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### 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=3LD2103-0TK53>

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

<http://support.automation.siemens.com/WW/view/en/3LD2103-0TK53/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3LD2103-0TK53](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2103-0TK53)



