

SENTRON, 3LD switch disconnecter, main switch, 3-pole, Iu:16 A, Operational power / at AC-23 A at 400 V: 7,5 kW, molded-plastic enclosure for inch threaded joint, rotary operating mechanism, black

Model		
product brandname		SENTRON
Type of the driving mechanism / motor drive		No
General technical data		
Number of poles		3
Number of poles / Note		N + PE
Type of device		fixed mounting
Operating frequency / maximum	1/h	50
Voltage		
Insulation voltage / rated value	V	690
Surge voltage resistance / rated value	kV	6
Protection class		
Protection class IP / on the front		IP65
Dissipation		
<b>Power loss [W]</b>		
<ul style="list-style-type: none"> <li>for rated value of the current / at AC / in hot operating state / per pole</li> </ul>	W	0.5
Electricity		
Continuous current / rated value	A	16
Short-time current resistance (Icw) / at 690 V / limited to 1 s / rated value	A	340
Main circuit		
<b>Operating frequency</b>		
<ul style="list-style-type: none"> <li>initial value</li> </ul>	Hz	50
<ul style="list-style-type: none"> <li>Full-scale value</li> </ul>	Hz	60
<b>Operating power</b>		
<ul style="list-style-type: none"> <li>at AC-23 A / at 400 V / rated value</li> </ul>	kW	7.5
<ul style="list-style-type: none"> <li>at AC-23 A / at 690 V / rated value</li> </ul>	kW	7.5
<ul style="list-style-type: none"> <li>at AC-3 / at 400 V / rated value</li> </ul>	kW	5.5
<ul style="list-style-type: none"> <li>at AC-3 / at 690 V / rated value</li> </ul>	kW	5.5
<b>Operating voltage</b>		
<ul style="list-style-type: none"> <li>at AC / at 50/60 Hz / rated value</li> </ul>	V	690

Auxiliary circuit		
Number of CO contacts / for auxiliary contacts		0
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Operating voltage / of auxiliary contacts / at AC / maximum	V	500
Continuous current / of the auxiliary contact / rated value	A	10
Insulation voltage / of the auxiliary switch / rated value	V	500

Suitability		
<b>Suitability for use</b>		
• Main switch		Yes
• switch disconnecter		Yes
• EMERGENCY OFF switch		No
• safety switch		Yes
• maintenance/repair switch		Yes

Product details		
Product feature / interlock		Yes
Product extension / optional		
• motor drive		No
• Voltage trigger		No

Connections		
<b>Type of electrical connection</b>		
• for auxiliary contacts		connection terminals

Requirements		
<b>Design of the fuse link</b>		
• for short-circuit protection of the main circuit / required		fuse gL/gG: 20 A
• for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 10 A

Mechanical Design		
<b>Height</b>	mm	164
<b>Width</b>	mm	100
<b>Depth</b>	mm	118
<b>Mounting type</b>		
• front mounting with 4-hole attachment		No
• front mounting with central attachment		Yes
• rail mounting		No
<b>Net weight</b>	g	483

### Environmental conditions

<b>Ambient temperature</b>		
• during operation / minimum	°C	-25
• during operation / maximum	°C	55

### Certificates

<b>Equipment marking</b>		
• acc. to DIN EN 61346-2		S
• acc. to DIN EN 81346-2		SF

<b>General Product Approval</b>	<b>Declaration of Conformity</b>
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CCC



CSA



UL



VDE

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EG-Konf.

<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://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3LD2064-0TB51-0US2>

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

<http://support.automation.siemens.com/WW/view/en/3LD2064-0TB51-0US2/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=3LD2064-0TB51-0US2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3LD2064-0TB51-0US2)

**CAX-Online-Generator**

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

**Tender specifications**

<http://ausschreibungstexte.siemens.com/tiplv>

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