

4-P. MAIN CTR./EM.-STOP SWITCH IU=16, P/AC-23A  
 AT 400V=7.5KW FRONT MOUNTING 4-HOLE  
 MOUNTING KNOB-OP. MECH. BLACK



Model		
product brand name		SENTRON
Product designation		Switch disconnecter
Design of the product		Switch Disconnecter 3LD
Design of the operating mechanism		4-hole
Type of the driving mechanism / motor drive		No
General technical data		
Number of poles		4
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		
Power loss [W]		

- for rated value of the current / at AC / in hot operating state / per pole

W	0.5
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### Electricity

Continuous current / rated value	A	16
Short-time current resistance (I <sub>cw</sub> ) / at 690 V / limited to 1 s / rated value	A	340

### Main circuit

<b>Operating frequency</b>		
• initial value	Hz	50
• Full-scale value	Hz	60
<b>Operating power</b>		
• at AC-23 A / at 400 V / rated value	kW	7.5
• at AC-23 A / at 690 V / rated value	kW	7.5
• at AC-3 / at 400 V / rated value	kW	5.5
• at AC-3 / at 690 V / rated value	kW	5.5
<b>Operating voltage</b>		
• at AC / at 50/60 Hz / rated value	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 expansion / optional		
• motor drive		No
• Voltage trigger		No

### Connections

Type of connectable conductor cross-sections		
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<ul style="list-style-type: none"> <li>• for auxiliary contacts <ul style="list-style-type: none"> <li>— solid</li> <li>— finely stranded / with core end processing</li> <li>— stranded</li> </ul> </li> </ul>		2x (0,75 ... 2,5 mm <sup>2</sup> ), 1x 4 mm <sup>2</sup> 2x (0.75 ... 1.5 mm <sup>2</sup> ), 1x 2.5 mm <sup>2</sup> 2x (0,75 ... 2,5 mm <sup>2</sup> ), 1x 4 mm <sup>2</sup>
<b>Type of electrical connection</b> <ul style="list-style-type: none"> <li>• for main current circuit</li> <li>• for auxiliary contacts</li> </ul>		box terminals 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> <li>• for short-circuit protection of the auxiliary switch / required</li> </ul>		fuse gL/gG: 20 A  fuse gL/gG: 10 A
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### Mechanical Design

<b>Height</b>	mm	66
<b>Width</b>	mm	49
<b>Depth</b>	mm	89.5
<b>Mounting type</b>		front mounting
<b>Mounting type</b> <ul style="list-style-type: none"> <li>• front mounting with 4-hole attachment</li> <li>• front mounting with central attachment</li> <li>• rail mounting</li> </ul>		Yes No No
<b>Net weight</b>	g	196

### Environmental conditions

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

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



CCC



CSA



UL



VDE



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Declaration of Conformity	Test Certificates	Shipping Approval	other
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EG-Konf.

[spezielle Prüfbescheinigung](#)  
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LRS

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[Umweltbestätigung](#)

## 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/3LD20221TL11>

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

<http://support.automation.siemens.com/WW/view/en/3LD20221TL11/all>

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

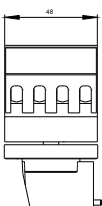
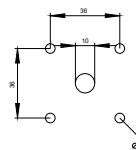
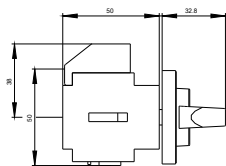
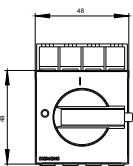
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3LD20221TL11](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD20221TL11)

**CAX-Online-Generator**

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

**Tender specifications**

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



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