

Switch disconnecter 3LD3, main switch 3-polig + N, lu 40A  
operational switch at AC-23 A at 400 V 15,0 kW floor mounting Base  
mounting with door coupling center-hole 22,5 mm knob-operated  
mechanism red/yellow 48 x 48 mm



Model	
Product brand name	SENTRON
Product designation	3LD Switch disconnecter
Design of the product	EMERGENCY-STOP switch
Display version / for switch position indicator manual operation	1 ON - 0 OFF
Design of the operating mechanism	selector switch
Design of handle	knob-operated mechanism, red/yellow
General technical data	
Number of poles	4
Type of device	fixed mounting
Type of switch	Floor mounting with door coupling
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	IP65

Protection class IP / on the front	IP65
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### 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>	2.5 W

### Electricity

Current / at AC / rated value	40 A
Continuous current / rated value	40 A
Short-time current resistance (I <sub>cw</sub> ) / at 690 V / limited to 1 s / rated value	1 000 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>	18.5 kW 15 kW 11.5 kW 11.5 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 disconnector</li> <li>EMERGENCY OFF switch</li> <li>safety switch</li> <li>maintenance/repair switch</li> </ul>	Yes Yes Yes Yes Yes

### Product details

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

Short-time current resistance (I <sub>cw</sub> ) / limited to 1 s / rated value	1 000 kA
Number of NC contacts	0
Number of NO contacts	0

### Connections

<b>Type of electrical connection</b>	Box terminal
<ul style="list-style-type: none"> <li>for main current circuit</li> </ul>	

### 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: 40 A
<ul style="list-style-type: none"> <li>for short-circuit protection of the auxiliary switch / required</li> </ul>	fuse gL/gG: 10 A

### Mechanical Design

<b>Height</b>	60 mm
<b>Width</b>	49 mm
<b>Depth</b>	380 mm
<b>Mounting type</b>	Built-in unit fixed-mounted version
<b>Mounting type</b>	
<ul style="list-style-type: none"> <li>front mounting with 4-hole attachment</li> </ul>	No
<ul style="list-style-type: none"> <li>front mounting with central attachment</li> </ul>	Yes
<ul style="list-style-type: none"> <li>rail mounting</li> </ul>	Yes
<b>Net weight</b>	300 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

### Declaration of Conformity



### 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=3LD3340-OTL13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3LD3340-OTL13>

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

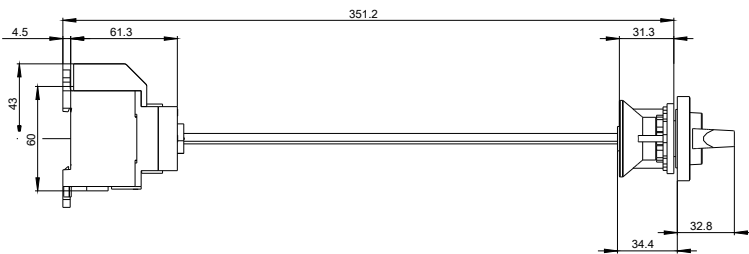
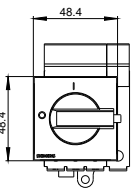
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3LD3340-OTL13](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3340-OTL13)

**CAX-Online-Generator**

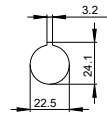
<http://www.siemens.com/cax>

**Tender specifications**

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



Tuer/ Door/ Porte  
Puerta/ Porta/ Porta



Boden/ Base/ Plancher/  
Base/ Pavimento/ Fundo

