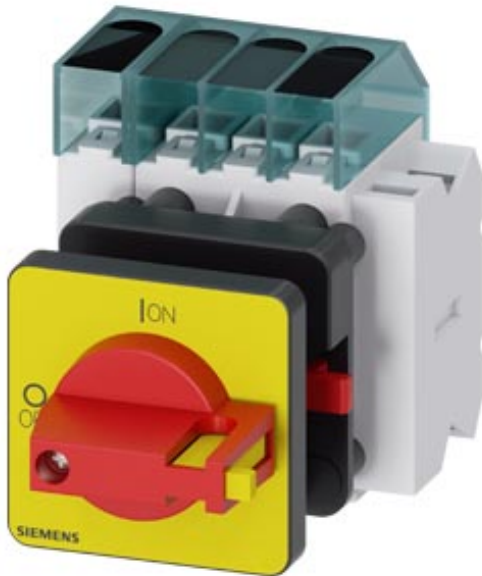


Switch disconnecter 3LD3, main switch 3-polig + N, lu 25A  
operational switch at AC-23 A at 400 V 9,0 kW front mounted Base  
mounting with center-hole 22,5 mm knob-operated mechanism  
red/yellow 48 x 48 mm with auxiliary 1NO+1NC



Model	
Product brand name	SETRON
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
Type of the driving mechanism / motor drive	No
General technical data	
Number of poles	4
Type of device	fixed mounting
Type of switch	front mounted
Operating frequency / maximum	50 1/h
Voltage	
Insulation voltage / rated value	690 V
Surge voltage resistance / rated value	6 kV
Protection class	

<b>Protection class IP</b>	IP65	
Protection class IP / on the front	IP65	
<b>Dissipation</b>		
<b>Power loss [W]</b>	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>		
<b>Electricity</b>		
Current / at AC / rated value	25 A	
Continuous current / rated value	25 A	
Short-time current resistance (I <sub>cw</sub> ) / at 690 V / limited to 1 s / rated value	500 A	
<b>Main circuit</b>		
<b>Operating frequency</b>	50 Hz 60 Hz	
<ul style="list-style-type: none"> <li>initial value</li> <li>Full-scale value</li> </ul>		
<b>Operating power</b>	9.5 kW 9 kW 7.5 kW 7.5 kW	
<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>		
<b>Operating voltage</b>		690 V
<ul style="list-style-type: none"> <li>at AC / at 50/60 Hz / rated value</li> </ul>		
<b>Auxiliary circuit</b>		
<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	
<b>Suitability</b>		
<b>Suitability for use</b>	Yes Yes Yes Yes Yes	
<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>		
<b>Product details</b>		
Product feature / interlock		Yes
Product extension / optional		No No
<ul style="list-style-type: none"> <li>motor drive</li> <li>Voltage trigger</li> </ul>		

Short-time current resistance (I <sub>cw</sub> ) / limited to 1 s / rated value	500 kA
Number of NC contacts	1
Number of NO contacts	1

#### Connections

##### Type of electrical connection

- for main current circuit

Box terminal

#### Requirements

##### Design of the fuse link

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

fuse gL/gG: 25 A

fuse gL/gG: 10 A

#### Mechanical Design

##### Height

60 mm

##### Width

60 mm

##### Depth

114 mm

##### Mounting type

Built-in unit fixed-mounted version

##### Mounting type

- front mounting with 4-hole attachment
- front mounting with central attachment
- rail mounting

No

Yes

No

##### Net weight

200 g

#### Environmental conditions

##### Ambient temperature

- during operation / minimum
- during operation / maximum

-25 °C

55 °C

#### Certificates

##### Equipment marking

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

S

SF

#### Declaration of Conformity



EG-Konf.

#### 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=3LD3150-1TL13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3LD3150-1TL13>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3LD3150-1TL13](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3150-1TL13)

**CAX-Online-Generator**

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

**Tender specifications**

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

