

SETRON, 3LD switch disconnecter, EMERGENCY-STOP switch, 3-pole, Iu:16 A, Operational power / at AC-23 A at 400 V: 7,5 kW, floor mounting with door coupling, rotary operating mechanism, red/yellow, 4-hole mounting of the handle



| Model  |  |
|--|--|
| product brandname  | 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                                | Short rotary knob                      |
| Design of handle   | rotary operating mechanism, red/yellow |
| Type of the driving mechanism / motor drive                      | No                                     |

| General technical data        |                                   |
|-------------------------------|-----------------------------------|
| Number of poles               | 3                                 |
| Type of device                | fixed mounting                    |
| Type of switch                | Floor mounting with door coupling |
| Size of switch disconnecter   | 1                                 |
| 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   |
| Dissipation  |        |
| <b>Power loss [W]</b>  | 0.5 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  |        |
| Current / at AC / rated value  | 16 A   |
| Continuous current / rated value   | 16 A   |
| Short-time current resistance (I <sub>cw</sub> ) / at 690 V / limited to 1 s / rated value                                   | 340 A  |
| Main circuit   |        |
| <b>Operating frequency</b>   |        |
| <ul style="list-style-type: none"> <li>initial value</li> </ul>  | 50 Hz  |
| <ul style="list-style-type: none"> <li>Full-scale value</li> </ul>   | 60 Hz  |
| <b>Operating power</b>   |        |
| <ul style="list-style-type: none"> <li>at AC-23 A / at 400 V / rated value</li> </ul>  | 7.5 kW |
| <ul style="list-style-type: none"> <li>at AC-23 A / at 690 V / rated value</li> </ul>  | 7.5 kW |
| <ul style="list-style-type: none"> <li>at AC-3 / at 400 V / rated value</li> </ul>   | 5.5 kW |
| <ul style="list-style-type: none"> <li>at AC-3 / at 690 V / rated value</li> </ul>   | 5.5 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> </ul>  | Yes    |
| <ul style="list-style-type: none"> <li>switch disconnecter</li> </ul>  | Yes    |
| <ul style="list-style-type: none"> <li>EMERGENCY OFF switch</li> </ul>   | Yes    |
| <ul style="list-style-type: none"> <li>safety switch</li> </ul>  | Yes    |
| <ul style="list-style-type: none"> <li>maintenance/repair switch</li> </ul>  | Yes    |
| Product details  |        |
| Product feature / interlock  | Yes    |
| Product extension / optional   |        |
| <ul style="list-style-type: none"> <li>motor drive</li> </ul>  | No     |

- Voltage trigger

No

## Connections

### Type of electrical connection

- for main current circuit
- for auxiliary contacts

Box terminal  
connection terminals

## 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: 20 A

fuse gL/gG: 10 A

## Mechanical Design

### Height

84 mm

### Width

67 mm

### Depth

429.5 mm

### Mounting type

Built-in unit fixed-mounted version

### Mounting type

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

Yes

No

Yes

### Net weight

410 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

|                          |                           |
|--------------------------|---------------------------|
| General Product Approval | Declaration of Conformity |
|--------------------------|---------------------------|



CCC



CSA



UL



VDE

[Miscellaneous](#)



EG-Konf.

|                   |                   |       |
|-------------------|-------------------|-------|
| Test Certificates | Shipping Approval | other |
|-------------------|-------------------|-------|

[Special Test Certificate](#)



LRS

[Environmental Confirmations](#)

## 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=3LD2013-0TK53>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3LD2013-0TK53>

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

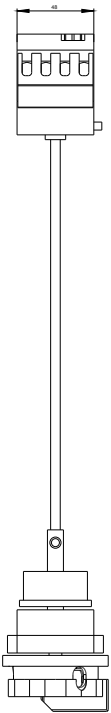
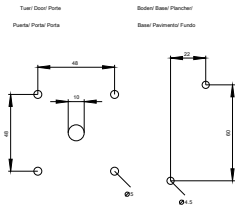
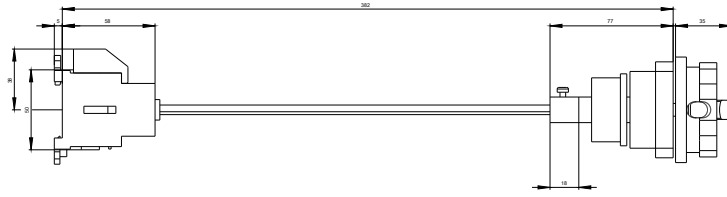
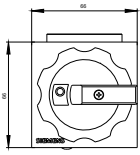
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3LD2013-0TK53](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2013-0TK53)

### CAX-Online-Generator

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

### Tender specifications

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



**-Q1**

