

Switch disconnecter 3LD3, main switch 3-polig + N, lu 25A
operational switch at AC-23 A at 400 V 9,0 kW Distribution board
mounting Base mounting with knob-operated mechanism black



| Model | |
|--|--------------------------------|
| Product brand name | SENTRON |
| Product designation | 3LD Switch disconnecter |
| Design of the product | Main 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, black |
| Type of the driving mechanism / motor drive | No |
| General technical data | |
| Number of poles | 4 |
| Type of device | fixed mounting |
| Type of switch | DIN-rail mounting |
| 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 | IP44 | |
| Protection class IP / on the front | IP44 | |
| Dissipation | | |
| Power loss [W] | 1.1 W | |
| <ul style="list-style-type: none"> for rated value of the current / at AC / in hot operating state / per pole | | |
| Electricity | | |
| Current / at AC / rated value | 25 A | |
| Continuous current / rated value | 25 A | |
| Short-time current resistance (I _{cw}) / at 690 V / limited to 1 s / rated value | 500 A | |
| Main circuit | | |
| Operating frequency | 50 Hz | |
| <ul style="list-style-type: none"> initial value | | |
| <ul style="list-style-type: none"> Full-scale value | 60 Hz | |
| Operating power | 9.5 kW | |
| <ul style="list-style-type: none"> at AC-23 A / at 400 V / rated value | | |
| <ul style="list-style-type: none"> at AC-23 A / at 690 V / rated value | | 9 kW |
| <ul style="list-style-type: none"> at AC-3 / at 400 V / rated value | | 7.5 kW |
| <ul style="list-style-type: none"> at AC-3 / at 690 V / rated value | 7.5 kW | |
| Operating voltage | 690 V | |
| <ul style="list-style-type: none"> at AC / at 50/60 Hz / rated value | | |
| Auxiliary circuit | | |
| Operating voltage / of auxiliary contacts / at AC / maximum | 500 V | |
| Continuous current / of the auxiliary contact / rated value | 10 A | |
| Insulation voltage / of the auxiliary switch / rated value | 500 V | |
| Suitability | | |
| Suitability for use | Yes | |
| <ul style="list-style-type: none"> Main switch | | |
| <ul style="list-style-type: none"> switch disconnecter | | Yes |
| <ul style="list-style-type: none"> EMERGENCY OFF switch | | Yes |
| <ul style="list-style-type: none"> safety switch | | Yes |
| <ul style="list-style-type: none"> maintenance/repair switch | | Yes |
| Product details | | |
| Product feature / interlock | Yes | |
| Product extension / optional | No | |
| <ul style="list-style-type: none"> motor drive | | |
| <ul style="list-style-type: none"> Voltage trigger | | |

| | |
|---|--------|
| Short-time current resistance (I _{cw}) / limited to 1 s / rated value | 500 kA |
| Number of NC contacts | 0 |
| Number of NO contacts | 0 |

Connections

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

Requirements

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|---|------------------|
| Design of the fuse link | |
| <ul style="list-style-type: none"> for short-circuit protection of the main circuit / required | fuse gL/gG: 25 A |
| <ul style="list-style-type: none"> for short-circuit protection of the auxiliary switch / required | fuse gL/gG: 10 A |

Mechanical Design

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|--|-------------------------------------|
| Height | 60 mm |
| Width | 49 mm |
| Depth | 77 mm |
| Mounting type | Built-in unit fixed-mounted version |
| Mounting type | |
| <ul style="list-style-type: none"> front mounting with 4-hole attachment | No |
| <ul style="list-style-type: none"> front mounting with central attachment | No |
| <ul style="list-style-type: none"> rail mounting | Yes |
| Net weight | 200 g |

Environmental conditions

| | |
|--|--------|
| Ambient temperature | |
| <ul style="list-style-type: none"> during operation / minimum | -25 °C |
| <ul style="list-style-type: none"> during operation / maximum | 55 °C |

Certificates

| | |
|--|----|
| Equipment marking | |
| <ul style="list-style-type: none"> acc. to DIN EN 61346-2 | S |
| <ul style="list-style-type: none"> acc. to DIN EN 81346-2 | 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=3LD3130-OTL11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3LD3130-OTL11>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3130-OTL11

CAX-Online-Generator

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

Tender specifications

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



