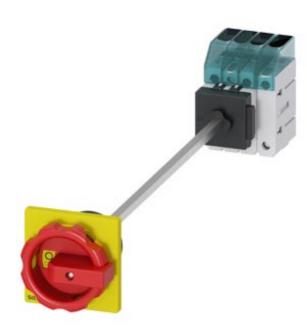
SIEMENS

Data sheet 3LD3448-0TL53



Switch disconnector 3LD3, main switch 3-polig + N, lu 63A operational switch at AC-23 A at 400 V 22,0 kW floor mounting Base mounting with door coupling center-hole 22,5 mm rotary operationg mechanism red/yellow 66×66 mm

Model		
Product brand name	SENTRON	
Product designation	3LD Switch disconnector	
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	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
Dissipation	
Power loss [W]	
• for rated value of the current / at AC / in hot	4.5 W
operating state / per pole	
Electricity	
Current / at AC / rated value	63 A
Continuous current / rated value	63 A
Short-time current resistance (lcw) / at 690 V / limited	1 000 A
to 1 s / rated value	
Main circuit	
Operating frequency	
• initial value	50 Hz
Full-scale value	60 Hz
Operating power	
• at AC-23 A / at 400 V / rated value	22 kW
• at AC-23 A / at 690 V / rated value	18.5 kW
• at AC-3 / at 400 V / rated value	18.5 kW
• at AC-3 / at 690 V / rated value	15 kW
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
Auxiliary circuit	
Operating voltage / of auxiliary contacts / at AC /	500 V
maximum	
Continuous current / of the auxiliary contact / rated value	10 A
Insulation voltage / of the auxiliary switch / rated	500 V
value	
Suitability	
Suitability for use	
Main switch	Yes
switch disconnector	Yes
 EMERGENCY OFF switch 	Yes
• safety switch	Yes
• maintenance/repair switch	Yes
Product details	
Product feature / interlock	Yes
Product extension / optional	
• motor drive	No
Voltage trigger	No

Short-time current resistance (lcw) / limited to 1 s / rated value	1 000 kA
Number of NC contacts	0
Number of NO contacts	0

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: 10 A

fuse gL/gG: 63 A

Mechanical Design

Height	60 mm
Width	49 mm
Depth	380 mm
Mounting type	Built-in unit fixed-mounted version
Mounting type	
 front mounting with 4-hole attachment 	No
 front mounting with central attachment 	Yes
rail mounting	Yes
Net weight	300 g

Environmental conditions

Ambient temperature

during operation / minimum
 -25 °C
 during operation / maximum
 55 °C

Certificates

Equipment marking

acc. to DIN EN 61346-2
 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=3LD3448-0TL53

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3448-0TL53

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3448-0TL53

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications



