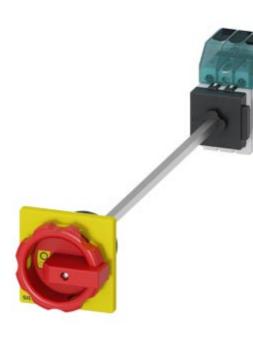
SIEMENS

Data sheet

3LD3248-0TL53

Switch disconnector 3LD3, main switch 3-polig + N, lu 32A operational switch at AC-23 A at 400 V 11,5 kW floor mounting Base mounting with door coupling center-hole 22,5 mm rotary operationg mechanism red/yellow 66 x66 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
Dissignation	
Dissipation Power loss [W]	
 for rated value of the current / at AC / in hot 	1.8 W
operating state / per pole	1.0 W
Electricity	
Current / at AC / rated value	32 A
Continuous current / rated value	32 A
Short-time current resistance (Icw) / at 690 V / limited	500 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	11.5 kW
• at AC-23 A / at 690 V / rated value	11.5 kW
• at AC-3 / at 400 V / rated value	9.5 kW
• at AC-3 / at 690 V / rated value	9.5 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	500 V
Continuous current / of the auxiliary contact / rated	10 A
value	
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 (Icw) / limited to 1 s / rated value	500 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 	fuse gL/gG: 40 A
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A
/lechanical 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	S
• acc. to DIN EN 81346-2	SF
Declaration of Conformity	
CE	

EG-Konf.

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD3248-0TL53

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3248-0TL53

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3248-0TL53

CAx-Online-Generator http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

