SIEMENS

Data sheet

3LD3348-1TL51

Switch disconnector 3LD3, main switch 3-polig + N, lu 40A operational switch at AC-23 A at 400 V 15,0 kW floor mounting Base mounting with door coupling center-hole 22,5 mm rotary operationg mechanism black 66 x66 mm with auxiliary 1NO+1NC



Model		
Product brand name	SENTRON	
Product designation	3LD Switch disconnector	
Design of the product	Main 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, black	
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 	2.5 W
operating state / per pole	
Electricity	
Current / at AC / rated value	40 A
Continuous current / rated value	40 A
Short-time current resistance (Icw) / 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	18.5 kW
• at AC-23 A / at 690 V / rated value	15 kW
• at AC-3 / at 400 V / rated value	11.5 kW
• at AC-3 / at 690 V / rated value	11.5 kW
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
Auxiliary circuit	
Operating voltage / of auxiliary contacts / at AC / 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

Requirements Figure 100 mm m	ex terminal se gL/gG: 40 A se gL/gG: 10 A mm mm 0 mm ilt-in unit fixed-mounted version
Connections Type of electrical connection Box • for main current circuit Box Requirements Energy of the fuse link fus • for short-circuit protection of the main circuit / required fus • for short-circuit protection of the auxiliary switch / required fus • for short-circuit protection of the auxiliary switch / required fus • for short-circuit protection of the auxiliary switch / required fus Mechanical Design Energy Height 600 Width 600 Depth 380 Mounting type Bux • front mounting with 4-hole attachment Not • front mounting with central attachment Yes • rail mounting Yes Net weight 300	se gL/gG: 40 A se gL/gG: 10 A mm mm 0 mm
Type of electrical connection Box • for main current circuit Box Requirements Image: Second Seco	se gL/gG: 40 A se gL/gG: 10 A mm mm 0 mm
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front mounting with central attachment front mounting rail mounting Net weight 30	
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Net weight 30	9S
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Environmental conditions	
Ambient temperature	
• during operation / minimum -2	5 °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	

Further information

EG-Konf.

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD3348-1TL51

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3348-1TL51

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3348-1TL51

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications



