SIEMENS

Data sheet 3LD3250-1TL11

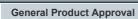


3LD3 switch disconnector, lu 32 A main switch 3-pole + N rated operational power for AC-23 A at 400 V 11.5 kW front plate mounting basic switch with center-hole mounting 22.5 mm knob-operated mechanism black 48x48 mm with auxiliary switches 1 NO + 1 NC

Model	
product brand name	SENTRON
product designation	Switch disconnector
design of the product	Main switch
display version for switch position indicator manual operation	1 ON - 0 OFF
type of switch	front mounted
design of the actuating element	selector switch
color of the actuating element	black
design of handle	knob-operated mechanism, black
type of the driving mechanism motor drive	No
General technical data	
number of poles	4
number of poles note	4
mechanical service life (operating cycles) typical	100 000
electrical endurance (operating cycles)	
• at AC-23 A at 690 V	6 000
operating frequency maximum	50 1/h
degree of pollution	3
Voltage	
insulation voltage rated value	690 V
surge voltage resistance rated value	6 kV
operating voltage	
at AC rated value	690 V
operating frequency rated value	
• minimum	50 Hz
• maximum	60 Hz
Protection class	
protection class IP	IP65
degree of protection NEMA rating	1, 3R, 4X, 12
protection class IP on the front	IP65
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	1.8 W
Main circuit	
operational current	
at AC-21 at 690 V rated value	32 A
• at AC-21 A at 240 V rated value	32 A
• at AC-21 A at 400 V rated value	32 A
• at AC-21 A at 440 V rated value	32 A

• at AC-23 A at 400 V rated value	22 A
operating power	
• at AC-23 A at 240 V rated value	6 kW
at AC-23 A at 400 V rated value	12 kW
at AC-23 A at 440 V rated value	11.5 kW
at AC-23 A at 690 V rated value	12 kW
at AC-3 at 240 V rated value	5.5 kW
at AC-3 at 400 V rated value	10 kW
 at AC-3 at 690 V rated value 	9.5 kW
Auxiliary circuit	
number of CO contacts for auxiliary contacts	0
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
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 main switch	Yes
suitability for use switch disconnector	Yes
suitability for use EMERGENCY OFF switch	No
suitability for use safety switch	Yes
suitability for use maintenance/repair switch	Yes
Product details	
special product feature	Can be locked in zero position
product feature can be locked into OFF position	Yes
Accessories	
product extension optional	
• motor drive	No
voltage trigger	No
number of connectable NC contacts for auxiliary contacts attachable maximum	2
number of connectable NO contacts for cuviliany contacts	A
number of connectable NO contacts for auxiliary contacts attachable maximum	9
attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum	0
attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum	2
attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum hasp thickness of the bracket locks	0
attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum	2
attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse	2
attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection	0 2 4 6 mm
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Short-time withstand current (SCCR) at 600 V according to UL stated value S00 A	CODAT 4.4 veted velve				
UL 588/UL 69847-4-1 continuous current of upstream fuse according to UL rated value type of fuse according to UL AWG number as coded connectable conductor cross-section solid maximum	60947-4-1 rated value	E I.A			
value RK5 Onnactions AWG number as coded connectable conductor cross section solid maximum 6 • 14 type of connectable conductor cross-sections for copper conductor 14 • solid 1x (2.5 to 16 mm²) • sinely stranded with core end processing 1x (2.5. 10 mm²) • stranded 1x (2.5 to 16 mm²) type of connectable conductor cross-sections for auxiliary contacts 2x (0.75 2.5 mm²), 1x 4 mm² • solid 2x (0.75 2.5 mm²), 1x 4 mm² • finely stranded with core end processing 2x (0.75 2.5 mm²), 1x 4 mm² • stranded 2x (0.75 2.5 mm²), 1x 4 mm² (type of electrical connection 50x terminal • for main current circuit 50x terminals • for for auxiliary contacts 80x terminals Wechanical Design 60 mm depth 60 mm width 60 mm depth 114 mm type of device 60 mm fastening method 90x • A-hole front mounting No • For timounting with central attachment Yes		5 KA			
AWG number as coded connectable conductor cross section solid maximum • • 6 • 14 type of connectable conductor cross-sections for copper conductor • solid • (nicely stranded with core end processing • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • stranded • (nicely stranded with core end processing) • (nicely stranded with core end processing of the (nicely stranded with a processing of the (nicely stran		50 A			
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type of electrical connection	 finely stranded with core end processing 	2x (0.75 1.5 mm²), 1x 2.5 mm²			
• for main current circuit • for auxiliary contacts Mochanical Design height 60 mm depth 114 mm type of device fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting No Net Weight 261 g Environmental conditions ambient temperature during operation • minimum • 25 °C • maximum Approvals Certificates	• stranded	2x (0.75 2.5 mm²), 1x 4 mm²			
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width 60 mm depth 114 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method	Mechanical Design				
depth 114 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method No 4-hole front mounting No front mounting with central attachment Yes rail mounting No Net Weight 261 g Environmental conditions ambient temperature during operation minimum -25 °C maximum 55 °C ambient temperature during storage minimum -25 °C minimum -25 °C maximum 55 °C for maximum 55 °C	height	60 mm			
fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting No No Net Weight Environmental conditions ambient temperature during operation • maximum • minimum • c25 °C ambient temperature during storage • minimum • maximum -25 °C Approvals Certificates	width	60 mm			
fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting No No Net Weight 261 g Environmental conditions ambient temperature during operation • maximum minimum -25 °C ambient temperature during storage • minimum -25 °C ambient temperature during storage • minimum -25 °C Approvals Certificates	depth	114 mm			
fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting No Net Weight 261 g Environmental conditions ambient temperature during operation • minimum • raikmum 555 °C ambient temperature during storage • minimum • minimum • 55 °C Approvals Certificates	type of device	fixed mounting			
4-hole front mounting front mounting with central attachment rail mounting No Net Weight 261 g Environmental conditions ambient temperature during operation minimum -25 °C maximum 55 °C ambient temperature during storage minimum -25 °C ambient temperature during storage minimum -25 °C maximum 55 °C Approvals Certificates	fastening method	Built-in unit fixed-mounted version			
front mounting with central attachment rail mounting No Net Weight 261 g Environmental conditions ambient temperature during operation minimum 725 °C maximum minimum 55 °C ambient temperature during storage minimum minimum 725 °C ambient temperature during storage maximum 55 °C Approvals Certificates	fastening method				
● rail mounting No Net Weight 261 g Environmental conditions ambient temperature during operation -25 °C • maximum -55 °C ambient temperature during storage • minimum -25 °C • maximum -25 °C • maximum 55 °C Approvals Certificates	4-hole front mounting	No			
Net Weight Environmental conditions ambient temperature during operation • minimum • maximum 55 °C ambient temperature during storage • minimum • maximum 55 °C Approvals Certificates	 front mounting with central attachment 	Yes			
ambient temperature during operation	rail mounting	No			
ambient temperature during operation • minimum • maximum 55 °C ambient temperature during storage • minimum • maximum 55 °C Approvals Certificates	Net Weight	261 g			
 minimum -25 °C maximum 55 °C ambient temperature during storage minimum -25 °C maximum 55 °C Approvals Certificates 	Environmental conditions				
	ambient temperature during operation				
ambient temperature during storage	• minimum	-25 °C			
 minimum -25 °C maximum 55 °C Approvals Certificates	• maximum	55 °C			
● maximum 55 °C Approvals Certificates	ambient temperature during storage				
Approvals Certificates	• minimum	-25 °C			
	• maximum	55 °C			
General Product Approval other	Approvals Certificates				
	General Product Approval		other		















Environment other

> Environmental Con-firmations Environmental Con-firmations Confirmation

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information for data generation and storage

https://support.industry.siemens.com/cs/ww/en/view/109995012

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=3LD3250-1TL11

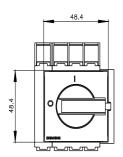
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3250-1TL11

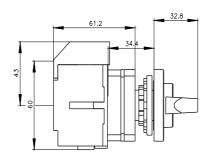
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3250-1TL11

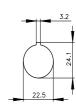
CAx-Online-Generator

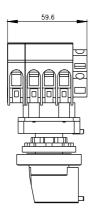
Tender specifications

http://www.siemens.com/specifications









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