SIEMENS

Data sheet

3LD3330-0TL11

Switch disconnector 3LD3, main switch 3-polig + N, lu 40A operational switch at AC-23 A at 400 V 15,0 kW Distribution board mounting Base mounting with knob-operated mechanism black



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	selector switch		
Design of handle	knob-operated mechanism, black		
General technical data	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]	
• 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

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: 40 A fuse gL/gG: 10 A fuse gL/gG: 10 A Acchanical Design Height 60 mm Width 49 mm Depth 77 mm Mounting type Built-in unit fixed-mounted version Mounting type front mounting with 4-hole attachment front mounting with central attachment No rail mounting Yes Net weight 200 g during operation / minimum -25 °C during operation / maximum -25 °C	Short-time current resistance (Icw) / limited to 1 s / rated value	1 000 kA
Connections Type of electrical connection Box terminal e for main current circuit Box terminal Requirements Edepartments Design of the fuse link fuse gL/gG: 40 A • for short-circuit protection of the main circuit / required fuse gL/gG: 10 A • for short-circuit protection of the auxiliary switch / required fuse gL/gG: 10 A Mechanical Design 60 mm Height 60 mm Width 49 mm Depth 77 mm Mounting type Built-in unit fixed-mounted version Mounting type Built-in unit fixed-mounted version Mounting type 200 g Invironmental conditions -25 °C Amblent temperature -25 °C • during operation / minimum -25 °C • during operation / minimum 55 °C Carificates Equipment marking • acc. to DIN EN 61346-2 S • acc. to DIN EN 61346-2 SF	Number of NC contacts	0
Type of electrical connection Box terminal • 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 for short-circuit protection of the auxiliary switch / required fuse gL/gG: 40 A fuse gL/gG: 10 A // required fuse gL/gG: 10 A // required fuse gL/gG: 10 A // required fuse gL/gG: 10 A // required // required // required // required // required // // required // // // required // required // // // required // // // // // // // // // // // // //	Number of NO contacts	0
• for main current circuit Box terminal Requirements Every of the fuse link Fuse link • for short-circuit protection of the main circuit / required fuse gL/gG: 40 A fuse gL/gG: 10 A • for short-circuit protection of the auxiliary switch / required fuse gL/gG: 10 A fuse gL/gG: 10 A #echanical Design 60 mm 49 mm 100 mm Width 49 mm 100 mm 100 mm Depth 77 mm 100 mm 100 mm Mounting type Built-in unit fixed-mounted version 100 mm Mounting type 100 g 100 g 100 g Environmental conditions 200 g 100 g 100 g Environmental conditions 25 °C 100 g 100 g Environmental conditions 55 °C 100 g 100 g Equipment marking 400 g 55 °C 100 g • during operation / minimum 55 °C 100 g 100 g Equipment marking 400 g 55 °C 100 g • acc. to DIN EN 61346-2 S 5 2 • acc. to DIN EN 81346-2 SF 100 g 100 g 10		
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 Adechanical Design 60 mm Width 49 mm Depth 77 mm Mounting type Built-in unit fixed-mounted version Mounting type Constant In rounting with 4-hole attachment No Provide the mounting Yes Net weight 200 g Environmental conditions Conditions Armbient temperature Guiring operation / maximum -25 °C Certificates Equipment marking S	Type of electrical connection	
Design of the fuse link fuse gL/gG: 40 A required fuse gL/gG: 10 A / required fuse gL/gG: 10 A / required fuse gL/gG: 10 A //required 60 mm //required 60 mm //required 60 mm //required 60 mm //required 90 mm //required 77 mm Mounting type Built-in unit fixed-mounted version Mounting type 90 g • front mounting with 4-hole attachment No • front mounting with central attachment No • rail mounting Yes Notime temperature 200 g • during operation / minimum -25 °C • during operation / minimum 55 °C SetUppend tables SetUppend tables Equipment marking acc. to DIN EN 61346-2 S • acc. to DIN EN 61346-2 SF	• for main current circuit	Box terminal
• for short-circuit protection of the main circuit / requiredfuse gL/gG: 40 A• for short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 AAcchanical Design60 mmHeight60 mmWidth49 mmDepth77 mmMounting typeBuilt-in unit fixed-mounted versionMounting typeBuilt-in unit fixed-mounted versionMounting with central attachmentNo• front mounting with central attachmentNo• front mounting with central attachmentNo• rail mountingYesNet weight200 gEnvironmental conditions-25 °C• during operation / minimum-25 °C• during operation / maximum55 °CSertificatesEquipment marking• acc. to DIN EN 61346-2S• acc. to DIN EN 81346-2SF	Requirements	
required fuse gL/gG: 10 A /required fuse gL/gG: 10 A /required 60 mm Width 49 mm Depth 77 mm Mounting type Built-in unit fixed-mounted version Mounting type No • front mounting with 4-hole attachment No • front mounting with central attachment No • rail mounting Yes Net weight 200 g Environmental conditions -25 °C Auting 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	Design of the fuse link	
/ required 60 mm Height 60 mm Width 49 mm Depth 77 mm Mounting type Built-in unit fixed-mounted version Mounting type Front mounting with 4-hole attachment • front mounting with 4-hole attachment No • front mounting with central attachment No • rail mounting Yes Net weight 200 g Environmental conditions	-	fuse gL/gG: 40 A
Height 60 mm Width 49 mm Depth 77 mm Mounting type Built-in unit fixed-mounted version Mounting type It is a state of the state		fuse gL/gG: 10 A
Widh49 mmDepth77 mmMounting typeBuilt-in unit fixed-mounted versionMounting typeNo• front mounting with 4-hole attachmentNo• front mounting with central attachmentNo• rail mountingYesNet weight200 gEnvironmental conditionsAmbient temperature • during operation / minimum-25 °C• during operation / maximum55 °CCertificatesEquipment marking • acc. to DIN EN 61346-2S• acc. to DIN EN 81346-2SF	lechanical Design	
Depth 77 mm Mounting type Built-in unit fixed-mounted version Mounting type No • front mounting with 4-hole attachment No • front mounting with central attachment No • rail mounting Yes Net weight 200 g Environmental conditions -25 °C • during operation / minimum -25 °C • during operation / maximum 55 °C Certificates -25 °C Equipment marking -25 °C • acc. to DIN EN 61346-2 S • acc. to DIN EN 81346-2 SF	Height	60 mm
Mounting typeBuilt-in unit fixed-mounted versionMounting typeNo• front mounting with 4-hole attachmentNo• front mounting with central attachmentNo• rail mountingYesNet weight200 gEnvironmental conditions-25 °C• during operation / minimum-25 °C• during operation / maximum55 °CCertificatesEquipment marking • acc. to DIN EN 61346-2S• acc. to DIN EN 81346-2SF	Width	49 mm
Mounting type No • front mounting with 4-hole attachment No • front mounting with central attachment No • rail mounting Yes Net weight 200 g Environmental conditions 200 g Ambient temperature -25 °C • during operation / minimum -25 °C • during operation / maximum 55 °C Certificates 200 g Equipment marking -25 °C • acc. to DIN EN 61346-2 S • acc. to DIN EN 81346-2 SF	Depth	77 mm
• front mounting with 4-hole attachmentNo• front mounting with central attachmentNo• rail mountingYesNet weight200 gEnvironmental conditions-25 °C• during operation / minimum-25 °C• during operation / maximum55 °CCertificates-25 °CEquipment marking • acc. to DIN EN 61346-2S• acc. to DIN EN 81346-2SF	Mounting type	Built-in unit fixed-mounted version
 Front mounting with central attachment Front mounting with central attachment rail mounting Yes 200 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 	Mounting type	
• rail mountingYesNet weight200 gEnvironmental conditions	 front mounting with 4-hole attachment 	No
Net weight 200 g Environmental conditions -25 °C Ambient temperature -25 °C • during operation / minimum -25 °C • during operation / maximum 55 °C Certificates -25 °C Equipment marking -25 °C • acc. to DIN EN 61346-2 S • acc. to DIN EN 81346-2 SF	 front mounting with central attachment 	No
Environmental conditions Ambient temperature • during operation / minimum • during operation / maximum 55 °C Certificates Equipment marking • acc. to DIN EN 61346-2 S • acc. to DIN EN 81346-2 SF	• rail mounting	Yes
Ambient temperature -25 °C • during operation / minimum -25 °C • during operation / maximum 55 °C Certificates -25 °C Equipment marking -25 °C • acc. to DIN EN 61346-2 S • acc. to DIN EN 81346-2 SF	Net weight	200 g
 during operation / minimum -25 °C 55 °C C Certificates Equipment marking • acc. to DIN EN 61346-2 S • acc. to DIN EN 81346-2 SF	Invironmental conditions	
• during operation / maximum 55 °C Certificates Equipment marking • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 SF	Ambient temperature	
Equipment marking S • acc. to DIN EN 61346-2 S • acc. to DIN EN 81346-2 SF	 during operation / minimum 	-25 °C
Equipment marking • acc. to DIN EN 61346-2 S • acc. to DIN EN 81346-2 SF	 during operation / maximum 	55 °C
• acc. to DIN EN 61346-2 S • acc. to DIN EN 81346-2 SF	Certificates	
• acc. to DIN EN 81346-2 SF	Equipment marking	
	• acc. to DIN EN 61346-2	S
Declaration of Conformity	• 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=3LD3330-0TL11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3330-0TL11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3330-0TL11

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

Tender specifications

http://www.siemens.com/specifications







