SIEMENS

Data sheet

3LD3350-0TL13

Switch disconnector 3LD3, main switch 3-polig + N, lu 40A operational switch at AC-23 A at 400 V 15,0 kW front mounted Base mounting with center-hole 22,5 mm knob-operated mechanism red/yellow 48 x 48 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	selector switch	
Design of handle	knob-operated mechanism, red/yellow	
General technical data		
Number of poles	4	
Type of device	fixed mounting	
Type of switch	front mounted	
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

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 / required fuse gL/gG: 10 A // required 60 mm // required 60 mm // required 9 mm 9	Short-time current resistance (Icw) / limited to 1 s / rated value	1 000 kA
Connections Type of electrical connection Box terminal • for main current circuit Box terminal 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 • for short-circuit protection of the auxiliary switch / required fuse gL/gG: 10 A /techanical Design 60 mm Height 60 mm Width 49 mm Depth 114 mm Mounting type Buit-in unit fixed-mounted version Mounting type 200 g • fornt mounting with 4-hole attachment No • rail mounting No Net weight 200 g circuin temperature -25 °C • during operation / minimum -25 °C • during operation / minimum 55 °C <tr< th=""><th>Number of NC contacts</th><th>0</th></tr<>	Number of NC contacts	0
Type of electrical connection Box terminal • for main current circuit Box terminal Requirements End 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 #echanical Design 60 mm Height 60 mm Width 49 mm Depth 114 mm Mounting type Built-in unit fixed-mounted version Mounting type Built-in unit fixed-mounted version Mounting type Cool g • front mounting with 4-hole attachment No • rail mounting No Net weight 200 g Environmental conditions -25 °C Ambient temperature -25 °C • during operation / minimum -25 °C • during operation / minimum 55 °C Sectificates Equipment marking • acc. to DIN EN 61346-2 S • acc. to DIN EN 61346-2 S • acc. to DIN EN 81346-2 SF	Number of NO contacts	0
• for main current circuit Box terminal Requirements Every of the fuse link fuse gL/gG: 40 A • for short-circuit protection of the main circuit / required fuse gL/gG: 10 A fuse gL/gG: 10 A • for short-circuit protection of the auxiliary switch / required 60 mm Mouse gL/gG: 10 A #elght 60 mm 90 mm Depth 114 mm 90 mm Depth 114 mm 90 mm Mounting type Built-in unit fixed-mounted version Mounting type 90 mm 90 mm • front mounting with 4-hole attachment No 90 mm • front mounting with 4-hole attachment No 90 mm • front mounting with central attachment Yes 90 m • arial mounting No 90 m 90 m • front mounting with central attachment Yes 90 m 90 m • front mounting with central attachment No 90 m 90 m • front mounting No 90 m 90 m 90 m • front mounting with central attachment No 90 m 90 m 90 m • front mounting 90 m 90 m <td></td> <td></td>		
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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 fuse gL/gG: 10 A // required 60 mm // required 60 mm // required 60 mm // required 60 mm // required 9 mm Depth 114 mm Mounting type Built-in unit fixed-mounted version Mounting type 9 mm • front mounting with 4-hole attachment No • front mounting with central attachment Yes • rail mounting No Net weight 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 S • acc. to DIN EN 81346-2 SF	• for main current circuit	Box terminal
• for short-circuit protection of the main circuit / requiredfuse gL/gG: 40 A fuse gL/gG: 10 A• for short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 AAcchanical Design60 mmHeight60 mmWidth49 mmDepth114 mmMounting typeBuilt-in unit fixed-mounted versionMounting typeNo• front mounting with 4-hole attachment • front mounting with central attachment • rail mountingNoNoVersionNoteweight200 gEnvironmental conditions-25 °C 55 °C• during operation / minimum • during operation / maximum-25 °C 55 °CCertificatesEquipment marking • acc. to DIN EN 61346-2Equipment marking • acc. to DIN EN 81346-2SF	Requirements	
required fuse gL/gG: 10 A /required fuse gL/gG: 10 A /required 60 mm Wachanical Design 60 mm Width 49 mm Depth 114 mm Mounting type Built-in unit fixed-mounted version Mounting type Fornt mounting with 4-hole attachment fornt mounting with central attachment Yes fornt mounting with central attachment Yes erail mounting 200 g Environmental conditions 200 g Environmental conditions -25 °C eduring operation / minimum -25 °C eduring operation / maximum 55 °C Certificates S Equipment marking S e.acc. to DIN EN 61346-2 S e.acc. to DIN EN 81346-2 SF	Design of the fuse link	
/ required Acchanical Design Height 60 mm Width 49 mm Depth 114 mm Mounting type Built-in unit fixed-mounted version Mounting type Front mounting with 4-hole attachment • front mounting with eentral attachment No • front mounting with central attachment Yes • rail mounting No Net weight 200 g Environmental conditions 55 °C Certificates Equipment marking • acc. to DIN EN 61346-2 S • acc. to DIN EN 81346-2 SF	-	fuse gL/gG: 40 A
Height 60 mm Width 49 mm Depth 114 mm Mounting type Built-in unit fixed-mounted version • front mounting with 4-hole attachment No • front mounting with central attachment Yes • rail mounting No Net weight 200 g Environmental conditions -25 °C Ambient temperature -25 °C • 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		fuse gL/gG: 10 A
Widh49 mmDepth114 mmMounting typeBuilt-in unit fixed-mounted versionMounting typeNo• front mounting with 4-hole attachmentNo• front mounting with central attachmentYes• rail mountingNoNet weight200 gEnvironmental conditionsAmbient temperature • during operation / minimum-25 °C• during operation / maximum55 °CSequenceEquipment marking • acc. to DIN EN 61346-2S• acc. to DIN EN 81346-2SF	Mechanical Design	
Depth114 mmMounting typeBuilt-in unit fixed-mounted versionMounting typeNo• front mounting with 4-hole attachmentNo• front mounting with central attachmentYes• rail mountingNoNet 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	Height	60 mm
Mounting typeBuilt-in unit fixed-mounted versionMounting type• front mounting with 4-hole attachmentNo• front mounting with central attachmentYes• rail mountingNoNet weight200 gEnvironmental conditionsAmbient temperature-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	Depth	114 mm
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 Front mounting with central attachment Front mounting with central attachment rail mounting No Net weight 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 mounting No 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	 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 	Yes
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	No
Ambient temperature -25 °C • 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	Net weight	200 g
• during operation / minimum • during operation / maximum-25 °C 55 °CCertificatesEquipment marking • acc. to DIN EN 61346-2S SF• acc. to DIN EN 81346-2SF	Environmental 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=3LD3350-0TL13

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3350-0TL13

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3350-0TL13

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications







