## **SIEMENS**

## Data sheet

## 3LD3340-0TL11

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 knob-operated mechanism black 48 x 48 mm



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	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		

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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
<ul> <li>switch disconnector</li> </ul>	Yes
EMERGENCY OFF switch	Yes
<ul> <li>safety switch</li> </ul>	Yes
<ul> <li>maintenance/repair switch</li> </ul>	Yes
Product details	
Product feature / interlock	Yes
Product extension / optional	
motor drive	No
Voltage trigger	No

Design of the fuse link <ul> <li>for short-circuit protection of the main circuit / required</li> <li>for short-circuit protection of the auxiliary switch / required</li> </ul> fuse gL/gG: 40 A           / required         fuse gL/gG: 10 A           // required         60 mm           // required         60 mm           // required         800 mm           Mounting type         Built-in unit fixed-mounted version           Mounting type         Built-in unit fixed-mounted version         Mounting type         Mounting type         Mounting type         Soon g	Short-time current resistance (Icw) / limited to 1 s / rated value	1 000 kA
Type of electrical connection       Box terminal         • for main current circuit       Box terminal         Requirements       Edepartments         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         * for short-circuit protection of the auxiliary switch / required       60 mm         Width       49 mm         Depth       380 mm         Mounting type       Built-in unit fixed-mounted version         Mounting type       For the mounting with 4-hole attachment         • for nt mounting with central attachment       No         • front mounting with central attachment       Yes         • rail mounting       Yes         Net weight       300 g         Invironmental conditions       -25 °C         Ambient temperature       -25 °C         • during operation / minimum       -25 °C         • during operation / maximum       55 °C         Sequence       Sequence         Equipment marking       Se         • acc. to DIN EN 61346-2       Se         • 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     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       / required     60 mm       Width     49 mm       Depth     380 mm       Mounting type     Built-in unit fixed-mounted version       Mounting type     Built-in unit fixed-mounted version       Mounting type     Solo g       Environmental conditions     Yes       Ambient temperature     -25 °C       • during operation / minimum     -25 °C       • during	Number of NO contacts	0
• for main current circuit       Box terminal         Requirements       Every of the fuse link       Isse 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         Height       60 mm       Mounting type       Built-in unit fixed-mounted version         Mounting type       Built-in unit fixed-mounted version       Mounting type       Built-in unit fixed-mounted version         Mounting type       Built-in unit fixed-mounted version       Mounting type       Built-in unit fixed-mounted version         Mounting type       Built-in unit fixed-mounted version       Mounting type       Built-in unit fixed-mounted version         Mounting type       Built-in unit fixed-mounted version       Mounting type       Built-in unit fixed-mounted version         Mounting type       Built-in unit fixed-mounted version       Mounting type       Built-in unit fixed-mounted version         Mounting type       Built-in unit fixed-mounted version       Mounting type       Built-in unit fixed-mounted version         Mounting type       Built-in unit fixed-mounted version       Mounting type       Built-in unit fixed-mounted version         Mounting type       Built-in unit fixed-mounted version       Store Store StoreSto		
Requirements         Design of the fuse link <ul> <li>for short-circuit protection of the main circuit / required</li> <li>for short-circuit protection of the auxiliary switch / required</li> <li>for the main circuit / required</li></ul>	Type of electrical connection	
Design of the fuse link       fuse gL/gG: 40 A         • for short-circuit protection of the auxiliary switch       fuse gL/gG: 10 A         / required       fuse gL/gG: 10 A         #dechanical Design       60 mm         Width       49 mm         Depth       380 mm         Mounting type       Built-in unit fixed-mounted version         Mounting type       Built-in unit fixed-mounted version         Mounting with 4-hole attachment       No         • front mounting with central attachment       Yes         Net weight       300 g         Environmental conditions       -25 °C         • during operation / minimum       -25 °C         • during operation / maximum       55 °C         Sertificates       -25 °C         Equipment marking       -25 °C         • 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 fuse gL/gG: 10 A• for short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 AAcchanical Design60 mmHeight60 mmWidth49 mmDepth380 mmMounting typeBuilt-in unit fixed-mounted versionMounting type• front mounting with 4-hole attachment • front mounting with central attachment • rail mountingNo• forter mountingYesNet weight300 gEnvironmental conditions-25 °C• during operation / minimum • during operation / maximum-25 °C• Conditions55 °CConditionsSCertificatesSEquipment 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         Wachanical Design       49 mm         Papeth       380 mm         Mounting type       Built-in unit fixed-mounted version         Mounting type       Fornt mounting with 4-hole attachment         • front mounting with 4-hole attachment       No         • front mounting with entral attachment       Yes         • rail mounting       Yes         Note thereperature       300 g         • during operation / minimum       -25 °C         • during operation / maximum       55 °C         Certificates       S         Equipment marking       S         • acc. to DIN EN 81346-2       S         • acc. to DIN EN 81346-2       SF	Design of the fuse link	
/ required       // required         Mechanical Design       60 mm         Width       49 mm         Depth       380 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         Net weight       300 g         Environmental conditions       -25 °C         • during operation / minimum       -25 °C         • during operation / minimum       55 °C         Certificates       SF	-	fuse gL/gG: 40 A
Height       60 mm         Width       49 mm         Depth       380 mm         Mounting type       Built-in unit fixed-mounted version         • front mounting with 4-hole attachment       No         • front mounting with central attachment       Yes         • rail mounting       Yes         Net weight       300 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		fuse gL/gG: 10 A
Widh49 mmDepth380 mmMounting typeBuilt-in unit fixed-mounted versionMounting type• front mounting with 4-hole attachmentNo• front mounting with central attachmentYes• rail mountingYesNet weight300 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	Mechanical Design	
Depth380 mmMounting typeBuilt-in unit fixed-mounted versionMounting typeNo• front mounting with 4-hole attachmentNo• front mounting with central attachmentYes• rail mountingYesNet weight300 gEnvironmental conditionsArmbient 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 mountingYesNet weight300 gEnvironmental conditionsAmbient temperature-25 °C• during operation / minimum55 °C• during operation / maximum55 °CCertificatesEquipment markingS• acc. to DIN EN 61346-2S• acc. to DIN EN 81346-2SF	Width	49 mm
Mounting type	Depth	380 mm
<ul> <li>front mounting with 4-hole attachment</li> <li>front mounting with central attachment</li> <li>front mounting with central attachment</li> <li>rail mounting</li> <li>Yes</li> <li>Net weight</li> <li>300 g</li> <li>Environmental conditions</li> <li>Ambient temperature         <ul> <li>during operation / minimum</li> <li>-25 °C</li> <li>during operation / maximum</li> <li>55 °C</li> </ul> </li> <li>Certificates</li> <li>Equipment marking         <ul> <li>acc. to DIN EN 61346-2</li> <li>s F</li> </ul> </li> </ul>	Mounting type	Built-in unit fixed-mounted version
<ul> <li>Front mounting with central attachment</li> <li>Front mounting with central attachment</li> <li>Yes</li> <li>Net weight</li> <li>300 g</li> <li>Environmental conditions</li> <li>Ambient temperature         <ul> <li>during operation / minimum</li> <li>-25 °C</li> <li>during operation / maximum</li> <li>55 °C</li> </ul> </li> <li>Certificates</li> <li>Equipment marking         <ul> <li>acc. to DIN EN 61346-2</li> <li>acc. to DIN EN 81346-2</li> <li>SF</li> </ul> </li> </ul>	Mounting type	
• rail mounting     Yes       Net weight     300 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	<ul> <li>front mounting with 4-hole attachment</li> </ul>	No
Net weight       300 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	<ul> <li>front mounting with central attachment</li> </ul>	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	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	300 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	<ul> <li>during operation / minimum</li> </ul>	-25 °C
Equipment marking       • acc. to DIN EN 61346-2     S       • acc. to DIN EN 81346-2     SF	<ul> <li>during operation / maximum</li> </ul>	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=3LD3340-0TL11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3340-0TL11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD3340-0TL11

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

## Tender specifications

http://www.siemens.com/specifications



