SIEMENS

Data sheet

3LD3030-0TK11

Switch disconnector 3LD3, main switch 3-polig, lu 16A operational switch at AC-23 A at 400 V 7,5 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
Type of the driving mechanism / motor drive	No
General technical data	
Number of poles	3
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
Dissinction	
Dissipation Power loss [W]	
 for rated value of the current / at AC / in hot 	0.5 W
operating state / per pole	
Electricity	
Current / at AC / rated value	16 A
Continuous current / rated value	16 A
Short-time current resistance (Icw) / at 690 V / limited	500 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	7.5 kW
• at AC-23 A / at 690 V / rated value	7.5 kW
• at AC-3 / at 400 V / rated value	5.5 kW
• at AC-3 / at 690 V / rated value	5.5 kW
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
Auxiliary circuit Operating voltage / of auxiliary contacts / at AC /	500 V
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

Number of NC contacts 0 Number of NO contacts 0 Present S Design of the fuse link • for short-circuit protection of the main circuit / required fuse gL/gG: 20 A • for short-circuit protection of the main circuit / required fuse gL/gG: 20 A • for short-circuit protection of the auxiliary switch / required fuse gL/gG: 10 A //echanical Design 60 mm Height 60 mm Mounting type Built-in unit fixed-mounted version Mounting type Built-in unit fixed-mounted version Mounting type 200 g • for short-orizin mounting Yes • for mounting with entral attachment No • fort mounting with entral attachment No • first mounting Yes • ail mounting Yes Net weight 200 g • auting operation / mainum -25 °C • during operation / mainum 55 °C • aution EN B1346-2	Number of NO contacts onnections Type of electrical connection	0
Promotions Type of electrical connection • for main current circuit Box terminal Requirements Design of the fuse link • for short-circuit protection of the main circuit / required fuse gL/gG: 20 A • for short-circuit protection of the auxiliary switch / required fuse gL/gG: 10 A Atechanical Design 60 mm Height 60 mm Width 36 mm Depth 77 mm Mounting type Built-in unit fixed-mounted version Mounting type Built-in unit fixed-mounted version Mounting type Constant • fornt mounting with 4-hole attachment No • fornt mounting with central attachment No • fornt mounting with central attachment No • fornt mounting Yes Net weight 200 g Environmental conditions -25 °C Arblent temperature -25 °C • during operation / minimum -25 °C • during operation / maximum 55 °C Equipment marking SF	onnections Type of electrical connection	
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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		
• 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	

urther information

EG-Konf.

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=3LD3030-0TK11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3030-0TK11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3030-0TK11

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications







