SIEMENS

Data sheet

3LD3050-0TK13

Switch disconnector 3LD3, main switch 3-polig, lu 16A operational switch at AC-23 A at 400 V 7,5 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	
Type of the driving mechanism / motor drive	No	
General technical data		
Number of poles	3	
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 IP	IP65
Protection class IP / on the front	IP65
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	300 A
Main circuit	
Operating frequency	50.11-
• 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	
Continuous current / of the auxiliary contact / rated	10 A
	500.14
Insulation voltage / of the auxiliary switch / rated value	500 V
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: 20 A fuse gL/gG: 10 A fuse gL/gG: 10 A Acchanical Design fuse gL/gG: 10 A Methanical Design fuse gL/gG: 10 A Width 36 mm Depth 114 mm Mounting type Built-in unit fixed-mounted version Mounting type front mounting with 4-hole attachment front mounting with central attachment front mounting with central attachment Yes atta conditions Environmental conditions Ambient temperature 	Number of NO contacts 0 Connections Type of electrical connection e for main current circuit Box terminal Requirements Box terminal International Contacts Design of the fuse link e for short-circuit protection of the main circuit / required e for short-circuit protection of the auxiliary switch / required fuse gL/gG: 20 A fuse gL/gG: 10 A International Contacts Acchanical Design 60 mm International Contacts International Contacts Height 60 mm Set mm International Contacts International Contacts Mounting type International Contacts	
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Declaration of Conformity	Declaration of Conformity	

urther 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=3LD3050-0TK13

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3050-0TK13

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3050-0TK13

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications







