SIEMENS

Data sheet

3LD3340-1TL13



Load disconnector 3LD3, Iu 40 A Main switch 3-pole + N Rated operating capacity at AC-23 A at 400 V 18.5 kW floor mounting Basic switch with door coupling Central hole mounting 22.5mm Toggle drive red / yellow 48x48 mm with auxiliary switch 10E + 1S

Model		
product brand name	SENTRON	
product designation	Switch disconnector	
design of the product	EMERGENCY-STOP switch	
display version for switch position indicator manual operation	1 ON - 0 OFF	
type of switch	Floor mounting with door coupling	
design of the actuating element	selector switch	
color of the actuating element	red	
design of handle	knob-operated mechanism, red/yellow	
General technical data		
number of poles	4	
number of poles note	4	
mechanical service life (operating cycles) typical	100 000	
electrical endurance (operating cycles)		
• at AC-23 A at 690 V	6 000	
operating frequency maximum	50 1/h	
degree of pollution	3	
Voltage		
insulation voltage rated value	690 V	
surge voltage resistance rated value	6 kV	
operating voltage		
• at AC rated value	690 V	
operating frequency rated value		
• minimum	50 Hz	
• maximum	60 Hz	
Protection class		
protection class IP	IP65	
degree of protection NEMA rating	1, 3R, 4X, 12	
protection class IP on the front	IP65	
Dissipation		
power loss [W] for rated value of the current at AC in hot operating state per pole	2.5 W	
Main circuit		
operational current		
• at AC-21 at 690 V rated value	40 A	
• at AC-21 A at 240 V rated value	40 A	
• at AC-21 A at 400 V rated value	40 A	
• at AC-21 A at 440 V rated value	40 A	
• at AC-23 A at 400 V rated value	36 A	
operating power		

 at AC-23 A at 240 V rated value 	7.5 kW
 at AC-23 A at 400 V rated value 	19 kW
 at AC-23 A at 440 V rated value 	15 kW
 at AC-23 A at 690 V rated value 	15 kW
 at AC-3 at 240 V rated value 	7.5 kW
 at AC-3 at 400 V rated value 	12 kW
• at AC-3 at 690 V rated value	11.5 kW
Auxiliary circuit	
number of CO contacts for auxiliary contacts	0
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
operating voltage of auxiliary contacts at AC maximum	500 V
continuous current of the auxiliary contact rated value	10 A
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
-	Yes
maintenance/repair switch Product details	
	Can be leaked in zero position
special product feature	Can be locked in zero position
product feature can be locked into OFF position	Yes
accessories	
product extension optional	
motor drive	No
voltage trigger	No
number of connectable NC contacts for auxiliary contacts attachable maximum	2
number of connectable NO contacts for auxiliary contacts attachable maximum	4
number of connectable CO contacts for auxiliary contacts attachable maximum	0
number of bracket locks maximum	2
hasp thickness of the bracket locks	4 6 mm
Short circuit	
conditional short-circuit current with line-side fuse protection	
 at 440 V by gG fuse rated value 	10 kA
 at 690 V by gG fuse rated value 	6 kA
let-through current with closed switch	
 at 240 V for combination switch + gG fuse maximum 	5 kA
 at 440 V for combination switch + gG fuse maximum 	5 kA
 at 690 V for combination switch + gG fuse maximum 	5 kA
permissible	
I2t value with closed switch	
 at 240 V for combination switch + gG fuse maximum 	15 kA2.s
 at 440 V for combination switch + gG fuse maximum 	15 kA2.s
 at 690 V for combination switch + gG fuse maximum 	15 kA2.s
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
operational current of upstream fuse rated value	40 A
according UL	
operational current at AC according to UL 508/UL 60947-4-1 rated value	40 A
operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value	600 V
active power [hp] at AC at 480 V according to UL 508/UL 60947- 4-1 rated value	20
active power [hp] at AC at 600 V according to UL 508/UL 60947- 4-1 rated value	20
active power [hp] at AC at 600 V according to UL 508/UL 60947-	20 5 kA

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https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

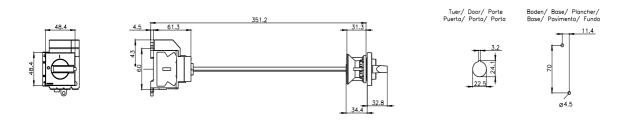
Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD3340-1TL13 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3340-1TL13 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3340-1TL13 CAx-Online-Generator http://www.siemens.com/cax

Tender specifications http://www.siemens.com/specifications





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