SIEMENS

Data sheet

3LD3440-0TK13



Load disconnector 3LD3, lu 63 A Main switch 3-pole Rated operating capacity at AC-23 A at 400V 22.0 kW floor mounting Basic switch with door coupling Central hole mounting 22.5mm Toggle drive red / yellow 48x48 mm

product brand name SENTRON product designation Switch disconnector design of the product ENERCENCY-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 red color of the actuating element red product diving mechanism motor drive No Operating technical data number of poles note number of poles note 3 mumber of poles note 3 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 6000 operating frequency maximum 50 1/h degree of pollution 3 voltage effection class operating frequency maximum 600 V operating reguency rated value 690 V operating reguency rated value 600 V operating reguency rated value 600 V operating reguency rated value 60 Hz	Model	
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	• at AC-21 A at 400 V rated value	63 A
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	 at AC-23 A at 400 V rated value 	43 A

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Instability 500 V Suitability Suitability suitability Ves • main switch Yes • switch disconnector Yes • EMERCENCY OFF switch Yes • maintexact/regain switch Yes • maintexact/regain switch Yes special product feature Can be tocked in zero position product data Product data special product feature can be tocked int OFF position Yes accessories Orable tocked in zero position product data No • woltage trigger No • undard or figger No • undard or figger No • undard or figger No • under of concatable NC contacts for auxiliary contacts 2 atacchable maximum 2 unther of concatable NC contacts for auxiliary contacts 0 atacchable maximum 2 atachable maximum 2 • at 400 Vby of Gut to rated value 10 kA • at 400 Vby of Gut tarted value 6 kA left-through cur		500 V
Suitability suitability for use	continuous current of the auxiliary contact rated value	10 A
suitability for use • main switch • switch disconnector • Kes • SubERGENCY OFF switch • safely switch • asafey switch • Yes • maintenance/repair switch Product details product details product feature Product feature Product feature Product feature Product feature Product feature Product feature Product fea	insulation voltage of the auxiliary switch rated value	500 V
• main switch Yes • switch disconnector Yes • ELMERGENCY OFF switch Yes • asafety switch Yes • maintenace/repair switch Yes Product details Second product feature special product feature Can be locked in zero position product extension optional Yes accessories No product extension optional No • motor forke No • motor of connectable NC contacts for auxiliary contacts 4 attachable maximum 2 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 2 number of bracket locks maximum 2 hasp thickness of the bracket locks maximum 10 kA • at 400 Vby og for ser tack value 6 kA lettrough current with losed switch 6 KA et 420 V for combination switch + gG fuse maximum 6 kA	Suitability	
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Product details special product feature Can be locked in zero position product feature can be locked into OFF position Yes sccssories product extension optional or motor drive No • voltage trigger No number of connectable NC contacts for auxiliary contacts 2 attachable maximum 2 number of connectable NO contacts for auxiliary contacts 4 attachable maximum 0 number of connectable CO contacts for auxiliary contacts 4 attachable maximum 2 number of tracket locks maximum 2 number of tracket locks maximum 2 number of tracket locks maximum 6 short circuit 0 conditional short-circuit current with line-side fuse protection 6 kA e1440 V br go G luse rated value 6 kA e1440 V for combination switch + gG fuse maximum 6 kA e1440 V for combination switch + gG fuse maximum 6 kA e1440 V for combination switch + gG fuse maximum 21 kA2.s e1460 V for combination switch + gG fuse maximum 21 kA2.s <	 safety switch 	Yes
special product feature Can be locked in zero position product feature can be locked into OFF position Yes accessories Product Keatersion optional No • notor drive No No • voltage trigger No 2 number of connectable NC contacts for auxiliary contacts 4 4 attachable maximum 2 1 number of connectable NC contacts for auxiliary contacts 0 1 attachable maximum 2 1 1 number of connectable CO contacts for auxiliary contacts 4 1 1 number of connectable CO contacts for auxiliary contacts 4 . 1 number of bracket locks maximum 2 1 1 hasp thickness of the bracket locks 4 6 mm 5 Short circuit 10 kA 6 kA 6 kA iet 440 V by gG fuse rated value 10 kA 6 kA iet 440 V for combination switch + gG fuse maximum 6 kA 6 kA iet 440 V for combination switch + gG fuse maximum 6 kA 6 kA	maintenance/repair switch	Yes
product feature can be locked into OFF position Yes accessories product extension optional	Product details	
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• for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 63 A according UL 63 A operational current at AC according to UL 508/UL 60947-4-1 rated value 63 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 25 active power [hp] at AC at 600 V according to UL 508/UL 60947- 30 30	 for short-circuit protection of the main circuit required 	fuse gL/gG: 63 A
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4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 60947- 30	operating voltage at AC at 50/60 Hz according to UL 508/UL	600 V
		25
	active power [hp] at AC at 600 V according to UL 508/UL 60947-	30

short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1	5 kA
continuous current of upstream fuse according to UL rated value	50 A
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid	
• maximum	6
• minimum	14
type of connectable conductor cross-sections for copper conductor	
• solid	1x (2.5 to 16 mm ²)
 finely stranded with core end processing 	1x (2.516 mm²)
stranded	1x (2.5 to 16 mm ²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	2x (0.75 2.5 mm²), 1x 4 mm²
 finely stranded with core end processing 	2x (0.75 1.5 mm²), 1x 2.5 mm²
• stranded	2x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	
for main current circuit	box terminal
for auxiliary contacts	Box terminals
Mechanical Design	
height	60 mm
width	36 mm
depth	380 mm
type of device	fixed mounting
fastening method fastening method	Built-in unit fixed-mounted version
4-hole front mounting	No
front mounting with central attachment	Yes
rail mounting	Yes
net weight	300 g
Environmental conditions	
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
General Product Approval	Declaration of Conformity
other Environment	
Confirmation Miscellaneous Environmental firmations	

Further information

Siemens has decided to exit the Russian market (see here).

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).

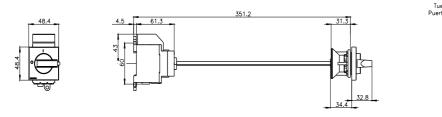
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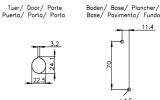
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