SIEMENS

Data sheet 3LD3240-1TL11



Load disconnector 3LD3, lu 32 A Main switch 3-pole + N Rated operating capacity for AC-23 A at 400V 11.5kW floor mounting Basic switch with door coupling Central hole mounting 22.5mm Toggle drive black 48x48 mm with auxiliary switch 10E + 1S

product brand name product design atton design of the product display version / for switch position indicator manual operation type of switch design of the actuating element selector switch design of the actuating element design of the actuating element black design of he actuating element design of handle knob-operated mechanism, black type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism / motor drive design of handle type of the driving mechanism, black type of the driving mechanism	Model		
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type of the driving mechanism / motor drive General technical data number of poles 4 number of poles / 100 000 electrical endurance (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / material value 690 V operating frequency / rated value 690 V operating voltage resistance / rated value 690 V operating voltage resistance / rated value 690 V operating voltage resistance / rated value 600 LZ Protection class IP 60 Hz protection class IP 1, 3R, 4X, 12 protection class IP / on the front 1965 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value 32 A operational current / rated value 32 A	color / of the actuating element	black	
number of poles number of poles / note mechanical service life (switching cycles) / typical / 100 000 electrical endurance (switching cycles) / typical / 100 000 electrical endurance (switching cycles) • at AC-23 A / at 690 V	design of handle	knob-operated mechanism, black	
number of poles 4 number of poles / note 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching 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 680 V operating voltage • at AC / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operation class P 0 operation class IP 0 1, 3R, 4X, 12 protection class IP / on the front 1,	type of the driving mechanism / motor drive	No	
number of poles / note mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles)	General technical data		
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operating frequency / rated value	operating voltage		
	at AC / rated value	690 V	
	operating frequency / rated value		
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power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • at 40 °C / rated value 32 A	protection class IP / on the front	IP65	
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operational current / rated value operational current operational current at 40 °C / rated value 32 A 32 A		1.8 W	
operational current • at 40 °C / rated value 32 A	Current		
• at 40 °C / rated value 32 A	operational current / rated value	32 A	
	operational current		
e at 45 °C / rated value	 at 40 °C / rated value 	32 A	
♥ at 45 C / Tateu value 32 A	● at 45 °C / rated value	32 A	

at 50 °C / rated value	32 A
 at 50 °C / rated value at 55 °C / rated value 	32 A 32 A
at AC / rated value	32 A 32 A
	92 A
Main circuit	
operational current	22 A
• at AC-21 / at 690 V / rated value	32 A
 at AC-21 A / at 240 V / rated value 	32 A
 at AC-21 A / at 400 V / rated value 	32 A
• at AC-21 A / at 440 V / rated value	32 A
at AC-23 A / at 400 V / rated value	22 A
operating power	CLAM
 at AC-23 A / at 240 V / rated value 	6 kW
 at AC-23 A / at 400 V / rated value 	12 kW
• at AC-23 A / at 440 V / rated value	11.5 kW
• at AC-23 A / at 690 V / rated value	12 kW
• at AC-3 / at 240 V / rated value	5.5 kW
• at AC-3 / at 400 V / rated value	10 kW
• at AC-3 / at 690 V / rated value	9.5 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 	No
safety switch	Yes
maintenance/repair switch	Yes
Product details	
special product feature	Can be locked in zero position
product feature / can be locked into OFF position	Yes
	1.00
accessories	
accessories product extension / optional	
accessories product extension / optional • motor drive	No
accessories product extension / optional • motor drive • voltage trigger	No No
accessories product extension / optional	No
accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum	No No
accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts	No No 2
product extension / optional	No No 2
product extension / optional	No No 2 4
product extension / optional	No No 2 4 0
product extension / optional	No No 2 4 0
product extension / optional	No No 2 4 0
product extension / optional	No No 2 4 0 2 4 6 mm
product extension / optional	No No 2 4 0 2 4 6 mm
product extension / optional	No No 2 4 0 2 4 6 mm
product extension / optional	No No 2 4 0 2 4 6 mm
product extension / optional	No No 2 4 0 2 4 6 mm 10 kA 6 kA 4.5 kA
product extension / optional	No No 2 4 0 2 4 6 mm 10 kA 6 kA 4.5 kA
product extension / optional	No No 2 4 0 2 4 6 mm 10 kA 6 kA 4.5 kA

maximum	
at 440 V / for combination switch + gG fuse /	9 kA2.s
maximum	
at 690 V / for combination switch + gG fuse / maximum	9 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	32 A
according UL	
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value	32 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
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	4 (0.5 to 40
solid finally stranded / with core and processing	1x (2.5 to 16 mm²) 1x (2.516 mm²)
 finely stranded / with core end processing stranded 	1x (2.5 to 16 mm²)
type of connectable conductor cross-sections / for	17 (2.0 % 10 11111)
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	box terminal
for main current circuitfor auxiliary contacts	Box terminals
Mechanical Design	SON COMMISSION OF THE PROPERTY
height	60 mm
width	60 mm
depth	380 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
 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
minimum maximum	-25 °C 55 °C
ambient temperature / during storage	
minimum	-25 °C
maximum	55 °C
General Product Approval	Declaration of Conformity
.,	,











other

Miscellaneous

Further information

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=3LD3240-1TL11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3LD3240-1TL11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3240-1TL11

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications









