SIEMENS

Data sheet

3LD3248-0TL51



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 Rotating drive black 66 x 66 mm

product brand name SENTRON product designation 3LD Switch disconnector design of the product Main switch display version / for switch position indicator manual operation 10N - 0 OFF type of switch Floor mounting with door coupling design of the actuating element Short rotary knob color / of the actuating element black design of handle rotary operating mechanism, black rype of the driving mechanism / motor drive No Ceneral technical data	Model		
design of the product Main 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 Short rotary knob design of handle rotary operating mechanism, black type of the driving mechanism / motor drive No Ceneral technical data number of poles number of poles 4 number of poles 4 number of poles 6 000 electrical endurance (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 6 800 V operating requency / rated value 6 8V operating requency / rated value 6 8V operating requency / rated value 600 V operating requency / rated value 60 Hz Protection class IP IP65 degree of protection NEMA rating <td< td=""><td>product brand name</td><td>SENTRON</td></td<>	product brand name	SENTRON	
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 black color / of the actuating element black design of handle rotary operating mechanism, black type of the driving mechanism / motor drive No General technical data number of poles / note number of poles / note 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 0000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 680 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 60 Hz Protection class IP IP65 degree of potection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W poerational current / r	product designation	3LD Switch disconnector	
operation Floor mounting with door coupling design of the actuating element Short rotary knob color / of the actuating element black design of handle rotary operating mechanism, black bype of the driving mechanism / motor drive No General technical data	design of the product	Main switch	
design of the actuating element Short rotary knob color / of the actuating element black design of handle rotary operating mechanism, black type of the driving mechanism / motor drive No General technical data rotary operating mechanism, black number of poles 4 number of poles / note 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 00 00 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value operating frequency / maximum 690 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating rotage resistance / rated value 690 V operating frequency / rated value 700 Hz operating frequency / r		1 ON - 0 OFF	
color / of the actuating element black design of handle rotary operating mechanism, black type of the driving mechanism / motor drive No General technical data Inumber of poles number of poles / note 4 number of poles / note 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating rotage resistance / rated value 690 V operating frequency / rated value 1, 3R, 4X, 12 protection class IP 1 <t< td=""><td>type of switch</td><td>Floor mounting with door coupling</td></t<>	type of switch	Floor mounting with door coupling	
design of handle rotary operating mechanism, black type of the driving mechanism / motor drive No General technical data	design of the actuating element	Short rotary knob	
type of the driving mechanism / motor drive No General technical data number of poles 4 number of poles / note 4 mechanical service life (switching cycles) / typical 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 Voitage 690 V insulation voltage / rated value 690 V operating frequency / maximum 60 V operating voltage resistance / rated value 690 V operating frequency / rated value 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 </td <td>color / of the actuating element</td> <td>black</td>	color / of the actuating element	black	
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number of poles 4 number of poles / note 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V operating requency / rated value 690 V operating voltage 6 kV operating frequency / rated value 690 V operating rotage 6 kV operating trequency / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operation class IP 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W operating state / per pole 22 A operational	type of the driving mechanism / motor drive	No	
number of poles / note 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 • at AC-23 A / at 690 V 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating trequency / maximum 600 V operating tottage resistance / rated value 690 V operating tottage resistance / rated value 690 V operating frequency / rated value 50 Hz edgree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W 1.8 W	General technical data		
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electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage 6 kV operating voltage 6 kV operating trequency / rated value 690 V operating voltage 6 kV operating trequency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 600 V operating frequency / rated value 50 Hz • maximum 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W operational current / rated value 32 A operational current / rated value 32 A operational current <td>number of poles / note</td> <td>4</td>	number of poles / note	4	
• at AC-23 A / at 690 V 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage 690 V • at AC / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 60 Hz Protection class IP 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 32 A operational current 32 A operational current 32 A	mechanical service life (switching cycles) / typical	100 000	
operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage 6 • at AC / rated value 690 V operating frequency / rated value 600 Hz Protection class Protection class IP protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W current 32 A operational current / rated value 32 A	electrical endurance (switching cycles)		
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Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage 690 V • at AC / rated value 690 V operating frequency / rated value 690 V • maximum 50 Hz • maximum 60 Hz Protection class Protection class IP protection class IP / on the front IP65 Dissipation IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current 32 A operational current 32 A	operating frequency / maximum	50 1/h	
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surge voltage resistance / rated value 6 kV operating voltage 690 V operating frequency / rated value 690 V operating frequency / rated value 60 Hz • minimum 60 Hz Protection class 100 Hz protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 32 A operational current 32 A operational current 32 A	Voltage		
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• at AC / rated value 690 V operating frequency / rated value 50 Hz • maximum 60 Hz Protection class 60 Hz 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 1.8 W Current 32 A operational current / rated value 32 A	surge voltage resistance / rated value	6 kV	
operating frequency / rated value 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 degree of protection vector ve	operating voltage		
 minimum 50 Hz maximum 60 Hz Protection class protection class IP degree of protection NEMA rating protection class IP / on the front IP65 degree of 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 Current operational current / rated value 32 A operational current • at 40 °C / rated value 32 A 	at AC / rated value	690 V	
maximum 60 Hz Protection class protection class IP iP65 degree of protection NEMA rating 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 Current operational current / rated value 32 A operational current • at 40 °C / rated value 32 A	operating frequency / rated value		
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Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current operational current / rated value 32 A operational current 32 A operational current 32 A	degree of protection NEMA rating	1, 3R, 4X, 12	
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hot operating state / per pole Current operational current / rated value 32 A operational current 32 A • at 40 °C / rated value 32 A	Dissipation		
operational current / rated value 32 A operational current 32 A • at 40 °C / rated value 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		
• at 45 °C / rated value 32 A	• at 40 °C / rated value	32 A	
	• at 45 °C / rated value	32 A	

e at EQ °C / rated value	22.4
• at 50 °C / rated value	32 A
• at 55 °C / rated value	32 A
at AC / rated value	32 A
Main circuit	
operational current	
 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	
 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	0
number of NO contacts / for auxiliary contacts	0
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
 safety switch maintenance/repair switch 	Yes
maintenance/repair switch	
maintenance/repair switch Product details	Yes
maintenance/repair switch Product details special product feature	Yes Can be locked in zero position
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position	Yes
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories	Yes Can be locked in zero position
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional	Yes Can be locked in zero position Yes
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional o motor drive	Yes Can be locked in zero position Yes No
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger	Yes Can be locked in zero position Yes No No
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional o motor drive	Yes Can be locked in zero position Yes No
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum 	Yes Can be locked in zero position Yes No No 2
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts	Yes Can be locked in zero position Yes No No
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts 	Yes Can be locked in zero position Yes No No 2
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional e motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum	Yes Can be locked in zero position Yes No No 2 4 0
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum 	Yes Can be locked in zero position Yes No No 2 4 0 3
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional e motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum	Yes Can be locked in zero position Yes No No 2 4 0
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum 	Yes Can be locked in zero position Yes No No 2 4 0 3
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum 	Yes Can be locked in zero position Yes No No 2 4 0 3
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 440 V / by gG fuse / rated value 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 440 V / by gG fuse / rated value at 690 V / by gG fuse / rated value 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value at 690 V / by gG fuse / rated value 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 440 V / by gG fuse / rated value at 690 V / by gG fuse / rated value at 690 V / by gG fuse / rated value let-through current / with closed switch at 240 V / for combination switch + gG fuse / maximum 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value at 690 V / by gG fuse / rated value let-through current / with closed switch at 240 V / for combination switch + gG fuse / 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value at 690 V / by gG fuse / rated value let-through current / with closed switch at 240 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / 	Yes Can be locked in zero position Yes No No 2 4 4 0 3 4 8 mm 10 kA 6 kA 4.5 kA
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value at 690 V / by gG fuse / rated value at 440 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / maximum 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA 4.5 kA 4.5 kA
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position 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 number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 440 V / by gG fuse / rated value at 690 V / by gG fuse / rated value let-through current / with closed switch at 240 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / maximum at 690 V / for combination switch + gG fuse / maximum 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA 4.5 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	
• solid	1x (2.5 to 16 mm ²)
 finely stranded / with core end processing stranded 	1x (2.516 mm ²)
type of connectable conductor cross-sections / for	1x (2.5 to 16 mm ²)
auxiliary contacts • solid	2x (0.75 2.5 mm²), 1x 4 mm²
 finely stranded / with core end processing 	2x (0.75 1.5 mm ²), 1x 2.5 mm ²
stranded	2x (0.75 2.5 mm ²), 1x 4 mm ²
type of electrical connection	
for main current circuit	box terminal
 for auxiliary contacts 	Box terminals
Mechanical Design	
height	60 mm
width	49 mm
depth	380 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	No
 4-hole front mounting front mounting with control attachment 	No Yes
 front mounting with central attachment 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

Confirmation







EG-Konf.

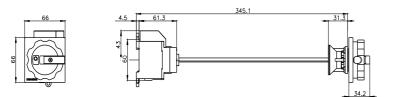
UK

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=3LD3248-0TL51 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3248-0TL51 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3248-0TL51 CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications



Tuer/ Door/ Porte Puerta/ Porta/ Porta Boden/ Base/ Plancher/ Base/ Pavimento/ Fundo

11.4



