SIEMENS

Data sheet 3LD2517-1TL11



SENTRON, switch disconnector 3LD, main switch, 4-pole, lu: 63 A, operating power / at AC-23 A at 400 V: 22 kW, floor mounting with door coupling, defeatable knob-operated mechanism, black, 4-hole mounting of the handle

Model		
product brand name	SENTRON	
product designation	3LD Switch disconnector	
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	selector switch	
color / of the actuating element	black	
design of handle	knob-operated mechanism, black	
type of the driving mechanism / motor drive	No	
General technical data		
number of poles	4	
size of switch disconnector	3	
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	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	4.5 W	
Current		
operational current / rated value	63 A	
operational current		
 at 40 °C / rated value 	63 A	
 at 45 °C / rated value 	63 A	

* at 50 °C / rated value
• at AC / rated value Main circuit operational current • at AC-21 / at 690 V / rated value • at AC-21 / at 690 V / rated value • at AC-21 / at 440 V / rated value • at AC-21 / at 440 V / rated value • at AC-21 / at 4400 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-3 A / at 400 V / rated value • at AC-3 A / at 400 V / rated value • at AC-3 A / at 240 V / rated value • at AC-3 A / at 240 V / rated value • at AC-3 A / at 240 V / rated value • at AC-3 A / at 240 V / rated value • at AC-3 A / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 V / rated value 500 V / at AC-3 / at 240 V / rated value powerlaing voltage / at 240 V / rated value 15 kW Auxillary circuit number of CO contacts / for auxiliary contacts operating voltage / of the auxiliary contacts operating voltage / of contacts / for auxiliary contacts operating voltage / of contacts / for aux
Main circuit
operational current • at AC-21 / at 2690 V / rated value • at AC-21 A / at 240 V / rated value • at AC-21 A / at 240 V / rated value • at AC-21 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 240 V / rated value • at AC-23 A / at 240 V / rated value • at AC-23 A / at 240 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 400 V / rated value • at AC-33 A / at 900 V / rated value • at AC-3 A / at 900 V / rated value • at AC-3 / at 240 V /
at AC-21 / at 690 V / rated value at AC-21 A / at 400 V / rated value at AC-21 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value 22 kW at AC-23 A / at 400 V / rated value 22 kW at AC-23 A / at 400 V / rated value 22 kW at AC-23 A / at 400 V / rated value 22 kW at AC-23 A / at 400 V / rated value 22 kW at AC-3 / at 240 V / rated value 19 kW at AC-3 / at 240 V / rated value 11 kW at AC-3 / at 690 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts emain switch Suttability for use **Respective of the auxiliary switch / rated value **Sutability for use **New Sutability for use **Product details product extension / optional **maintenance/repair switch Product details product extension / optional **montor drive NO **No **voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum
at AC-21 A / at 240 V / rated value at AC-21 A / at 440 V / rated value at AC-21 A / at 440 V / rated value at AC-23 A / at 400 V / rated value 43 A operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value 22 kW at AC-23 A / at 400 V / rated value 22 kW at AC-23 A / at 440 V / rated value 22 kW at AC-23 A / at 440 V / rated value 24 kW at AC-34 / at 440 V / rated value 25 kW at AC-37 / at 240 V / rated value 26 kW at AC-37 / at 240 V / rated value 27 kW at AC-37 / at 240 V / rated value 28 kW at AC-37 / at 400 V / rated value 39 kW at AC-37 / at 400 V / rated value 30 kC-37 / at 690 V / rated value 31 kW at AC-37 / at 690 V / rated value 32 kW at AC-37 / at 690 V / rated value 34 kC-37 / at 690 V / rated value 35 kW Auxiliary circuit number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of the auxiliary contact / rated value insulation voltage / of the auxiliary contact / rated value Sultability Sultability for use a main switch yes a switch disconnector EMERGENCY OFF switch a switch disconnector EMERGENCY OFF switch a safety switch yes product details product details product textension / optional momber of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum
at AC-21 A / at 400 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value operating power at AC-23 A / at 440 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 690 V / rated value at AC-23 A / at 690 V / rated value at AC-3 / at 590 V / rated value at AC-3 / at 440 V / rated value but AC-3 / at 440 V / rated value at AC-3 / at 440 V / rated value but AC-3 / at 440 V / rated value at AC-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but Ac-3 / at 590 V / rated value but AC-3 / at 590 V / rated value but A
at AC-21 A / at 440 V / rated value at AC-23 A / at 400 V / rated value eat AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-3 A / at 400 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value by kW at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value by kW at AC-3 / at 500 V / rated value at AC-3 / at 500 V / rated value at AC-3 / at 500 V / rated value by kW at AC-3 / at 500 V / rated value at AC-3 / at 500 V / rated value at AC-3 / at 500 V / rated value at AC-3 / at 500 V / rated value at AC-3 / at 500 V / rated value by kW at AC-3 / at 500 V / rated value at AC-3 / at 500 V / r
e at AC-23 A / at 400 V / rated value operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value main switch switch disconnector emain switch switch disconnector emain switch safety switch emaintenance/repair switch Yes Product details product details product detaure / can be locked into OFF position evoltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC 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
operating power • at AC-23 A / at 240 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 690 V / rated value **Operation of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value **Suitability** suitability for use • main switch • switch disconnector
at AC-23 A / at 240 V / rated value at AC-23 A / at 440 V / rated value 22 kW at AC-23 A / at 490 V / rated value 22 kW at AC-23 A / at 490 V / rated value 19 kW at AC-3 / at 240 V / rated value 11 kW at AC-3 / at 490 V / rated value 11 kW at AC-3 / at 690 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value 500 V Suitability suitability or use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • yes • maintenance/repair switch Yes • maintenance/repair switch Yes product detailis product detailis product desture / can be locked into OFF position • 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
at AC-23 A / at 440 V / rated value at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value 11 kW at AC-3 / at 400 V / rated value 19 kW at AC-3 / at 690 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability suitability suitability suitability suitability suitability suitability specification voltage / of the auxiliary switch / rated value • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • ration of the auxiliary switch • ration of the auxiliary switch • ration of the auxiliary switch • ration of the auxiliary switch • safety switch • ration of the auxiliary contacts • ration of the auxiliary contacts rounder of connectable NC 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
at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value 11 kW at AC-3 / at 240 V / rated value 11 kW at AC-3 / at 690 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Sultability suitability suitability for use main switch safety switch safety switch maintenance/repair switch Yes Product details product feature / can be locked into OFF position accessories product extension / optional motor of connectable NC 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
at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability suitability or use a main switch switch disconnector A switch disconnector A switch disconnector A switch which which which we safety switch a maintenance/repair switch A responsible for auxiliary switch / responsible for auxiliary switch / responsible for auxiliary switch / responsible for auxiliary switch A safety switch A responsible for auxiliary switch A responsible for auxiliary contacts / responsible for auxiliary contacts / responsible / res
at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability suitability for use main switch safety switch safety switch safety switch maintenance/repair switch respectively product details product details product extension / optional motor drive voltage trigger number of connectable NC 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 onumber of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum onumber of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum
at AC-3 / at 690 V / rated value Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Yes Product details product feature / can be locked into OFF position • motor drive • voltage trigger number of connectable NC 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
Auxiliary circuit number of CO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value switch idisconnector • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Product details product detaure / 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 CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Product details 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 NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Product details 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 NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC 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 NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability for use
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • safety switch • maintenance/repair switch Product details product details product extension / optional • motor drive • voltage trigger number of connectable NC 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
insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Product details 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 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
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main switch switch disconnector Yes EMERGENCY OFF switch safety switch safety switch maintenance/repair switch Product details 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 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
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safety switch maintenance/repair switch Product details 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 connectable CO maximum
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional
product details product feature / can be locked into OFF position accessories product extension / optional
product feature / can be locked into OFF position accessories product extension / optional
product extension / optional
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
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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 output for auxiliary contacts / attachable / maximum output for auxiliary contacts / attachable / maximum
/ attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum output for auxiliary contacts / attachable / maximum
/ attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum 0
/ attachable / maximum
number of bracket locks / maximum 3
hasp thickness / of the bracket locks 4 6 mm
Short circuit
conditional short-circuit current / with line-side fuse protection
at 690 V / by gG fuse / rated value 50 kA
let-through current / with closed switch
at 240 V / for combination switch + gG fuse / 6 kA maximum
• at 440 V / for combination switch + gG fuse / 6 kA maximum
• at 690 V / for combination switch + gG fuse / 6 kA maximum permissible
I2t value / with closed switch
• at 240 V / for combination switch + gG fuse / 21 kA2.s maximum
• at 440 V / for combination switch + gG fuse / 21 kA2.s

maximum	
• at 690 V / for combination switch + gG fuse / 21 kA2	2.s
maximum	
design of the fuse link	
 for short-circuit protection of the main circuit / required 	L/gG: 63 A
 for short-circuit protection of the auxiliary switch / required 	L/gG: 10 A
operational current / of upstream fuse / rated value 63 A	
according UL	
operational current / at AC / according to UL 508/UL 63 A 60947-4-1 / rated value	
operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value	
active power [hp] / at AC / at 480 V / according to UL 40 508/UL 60947-4-1 / rated value	
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	
short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1	
continuous current / of upstream fuse / according to UL / rated value	
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	
	535mm²)
	516 mm²)
	535mm²)
type of connectable conductor cross-sections / for auxiliary contacts	
	auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary 1x (0,75 2,5mm²)
26.1	auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary $1x 2,5mm²$
	auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary 1x (0,75 2,5mm²)
type of electrical connection	
• for main current circuit box tell	rminal
,	ction terminals
Mechanical Design	
height 91 mm	
width 84 mm	
depth 395 m	
- · · · · · · · · · · · · · · · · · · ·	nounting
fastening method Built-ir fastening method	n unit fixed-mounted version
4-hole front mounting Yes	
• front mounting with central attachment No	
• rail mounting Yes	
net weight 634 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	





Confirmation





Miscellaneous

General Product Approval

Declaration of Conformity

Test Certificates

Marine / Shipping

other







Special Test Certificate



Environmental Confirmations

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=3LD2517-1TL11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2517-1TL11

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2517-1TL11

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications











