SIEMENS

Data sheet

3LD2517-1TL13



SENTRON, switch disconnector 3LD, EMERGENCY OFF 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, red/yellow, 4-hole mounting of the handle

product brand name SENTRON product designation 3LD Switch disconnector design of the product EMERCENCY-STOP switch display version / for switch position indicator manual operation 1ON - 0 OFF type of switch Floor mounting with door coupling design of the actuating element red color / of the actuating element red design of handle knob-operated mechanism, red/yellow type of the driving mechanism / motor drive No Oeneral technical data	Model	
design of the product EMERGENCY-STOP 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 selector switch color / of the actuating element red design of handle knob-operated mechanism, red/yellow type of the driving mechanism / motor drive No General technical data number of poles size of switch disconnector 3 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 6 800 V sugar voltage resistance / rated value 680 V operating requency / rated value 6 kV operating requency / rated value 600 V sugarture 50 Hz operating requency / rated value 600 V sugarture 600 V	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 red color / of the actuating element red design of handle knob-operated mechanism, red/yellow type of witch disconnector 3 number of poles 4 size of switch disconnector 3 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 6000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 680 V surge voltage resistance / rated value 690 V operating requency / rated value 690 V operating requency / rated value 60 Hz Protection class IP IP65 protection class IP / on the front IP65 Dissipation 4.5 W power loss [W] / for rated value of the current / at AC / rin 4.5 W operational current / rated value 63 A operational current / rated value <t< td=""><td>product designation</td><td>3LD Switch disconnector</td></t<>	product designation	3LD Switch disconnector
operation 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 type of the driving mechanism / motor drive No General technical data	design of the product	EMERGENCY-STOP switch
design of the actuating element selector switch color / of the actuating element red design of handle knob-operated mechanism, red/yellow type of the driving mechanism / motor drive No General technical data number of poles number of poles 4 size of switch disconnector 3 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 0000 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 / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 60 Hz		1 ON - 0 OFF
color / of the actuating element red design of handle knob-operated mechanism, red/yellow type of the driving mechanism / motor drive No General technical data Inumber of poles number of poles 4 size of switch disconnector 3 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 6000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value insulation voltage / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 600 V operating frequency / rated value 600 V operating frequency / rated value 70 Hz 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>type of switch</td> <td>Floor mounting with door coupling</td>	type of switch	Floor mounting with door coupling
design of handle knob-operated mechanism, red/yellow type of the driving mechanism / motor drive No General technical data number of poles size of switch disconnector 3 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 680 V insulation voltage / rated value 690 V operating frequency / maximum 60 NV surge voltage resistance / 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 600 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 </td <td>design of the actuating element</td> <td>selector switch</td>	design of the actuating element	selector switch
type of the driving mechanism / motor drive No General technical data	color / of the actuating element	red
General technical data 4 number of poles 4 size of switch disconnector 3 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 / maximum 60 V operating requency / rated value 690 V operating voltage resistance / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 1, 3R, 4X, 12 protection class IP IP65 Dissipation 1, 3R, 4X, 12 </td <td>design of handle</td> <td>knob-operated mechanism, red/yellow</td>	design of handle	knob-operated mechanism, red/yellow
number of poles 4 size of switch disconnector 3 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 resistance / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operation class IP 12 protection class IP 12, 38, 4X, 12 protection class IP / on the front 1965 Dissipation 4.5 W <t< td=""><td>type of the driving mechanism / motor drive</td><td>No</td></t<>	type of the driving mechanism / motor drive	No
size of switch disconnector 3 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 • at AC-23 A / at 690 V 6000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V surge voltage resistance / rated value 690 V operating voltage 64V operating frequency / rated value 690 V operation class IP 1065 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 4.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 63 A	General technical data	
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 insulation voltage / rated value insulation voltage / rated value 690 V operating requency / maximum 6 kV operating voltage 690 V • at AC / rated value 690 V operating voltage 690 V • at AC / 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 Dissipation 4.5 W	number of poles	4
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 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 Hz Protection class 1, 3R, 4X, 12 protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 4.5 W operating state / per pole 63 A operational current / rated value 63 A operational current 63 A	size of switch disconnector	3
• at AC-23 A / at 690 V 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voitage insulation voltage / rated value insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage 690 V • at AC / rated value 690 V operating frequency / rated value 50 Hz emaximum 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 4.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 63 A operational curren	mechanical service life (switching cycles) / typical	100 000
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 6 kV operating frequency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 60 Hz Protection class IP65 protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 4.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 63 A operational current / rated value 63 A operational current 63 A	electrical endurance (switching cycles)	
degree of pollution 3 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 voltage 690 V • at AC / rated value 690 V operating frequency / rated value 690 V • minimum 50 Hz • maximum 60 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 generation g state / per pole current operationg state / per pole operational current / rated value 63 A operational current 63 A	• at AC-23 A / at 690 V	6 000
Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage 6 kV operating voltage 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 Dissipation IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 4.5 W Current 63 A operational current / rated value 63 A operational current 63 A <td>operating frequency / maximum</td> <td>50 1/h</td>	operating frequency / maximum	50 1/h
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 • minimum 50 Hz • maximum 60 Hz Protection class 1, 3R, 4X, 12 protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 4.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 63 A operational current 63 A operational current 63 A	degree of pollution	3
surge voltage resistance / rated value 6 kV operating voltage 690 V operating frequency / rated value 690 V operating frequency / rated value 60 Hz • maximum 60 Hz Protection class 1, 3R, 4X, 12 protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 63 A operational current 63 A operational current 63 A	Voltage	
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• at AC / rated value 690 V operating frequency / rated value 50 Hz • minimum 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 1P65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 4.5 W Current 63 A operational current / rated value 63 A operational current 63 A	surge voltage resistance / rated value	6 kV
operating frequency / rated value 50 Hz • maximum 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 IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 4.5 W Current 63 A operational current / rated value 63 A	operating voltage	
• 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 63 A operational current 63 A • at 40 °C / rated value 63 A	at AC / rated value	690 V
• maximum60 HzProtection classIP65protection NEMA rating1, 3R, 4X, 12protection class IP / on the frontIP65DissipationIP65power loss [W] / for rated value of the current / at AC / in hot operating state / per pole4.5 WOperational current / rated value63 Aoperational current • at 40 °C / rated value63 A	operating frequency / rated value	
Protection class protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 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 4.5 W Current 63 A operational current / rated value 63 A • at 40 °C / rated value 63 A	• minimum	50 Hz
protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 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 4.5 W Current 63 A operational current / rated value 63 A operational current 63 A	• maximum	60 Hz
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	Protection class	
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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 63 A • at 40 °C / rated value 63 A	degree of protection NEMA rating	1, 3R, 4X, 12
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 63 A	protection class IP / on the front	IP65
hot operating state / per pole Current operational current / rated value 63 A operational current 63 A	Dissipation	
operational current / rated value 63 A operational current 63 A • at 40 °C / rated value 63 A		4.5 W
operational current 63 A	Current	
• at 40 °C / rated value 63 A	operational current / rated value	63 A
	operational current	
• at 45 °C / rated value 63 A	• at 40 °C / rated value	63 A
	• at 45 °C / rated value	63 A

• at 50 °C / rated value	63 A
at 50 °C / rated value at 55 °C / rated value	63 A 63 A
at 55 °C / rated value at AC / rated value	63 A 63 A
	03 A
Main circuit	
operational current	CO A
 at AC-21 / at 690 V / rated value 	63 A
 at AC-21 A / at 240 V / rated value 	63 A
 at AC-21 A / at 400 V / rated value 	63 A
 at AC-21 A / at 440 V / rated value 	63 A
at AC-23 A / at 400 V / rated value	43 A
operating power • at AC-23 A / at 240 V / rated value	11 kW
 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 440 V / rated value at AC-23 A / at 440 V / rated value 	22 kW
 at AC-23 A / at 440 V / rated value at AC-23 A / at 690 V / rated value 	19 kW
 at AC-3 / at 240 V / rated value 	19 KW
 at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value 	19 kW
• at AC-3 / at 690 V / rated value	15 kW
	10 800
Auxiliary circuit	0
number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts	0 0
number of NO contacts / for auxiliary contacts	0
· · · · · · · · · · · · · · · · · · ·	500 V
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value	10 A
insulation voltage / of the auxiliary switch / rated value	500 V
Suitability	500 V
suitability for use ● main switch	Yes
switch disconnector	Yes
EMERGENCY OFF switch	Yes
 safety switch 	Yes
safety switchmaintenance/repair switch	
 safety switch maintenance/repair switch Product details 	Yes Yes
 safety switch maintenance/repair switch Product details product feature / can be locked into OFF position 	Yes
safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories	Yes Yes
safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes Yes
 safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive 	Yes Yes Yes No
 safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger 	Yes Yes Yes No No
 safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive 	Yes Yes Yes No
 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 	Yes Yes Yes No No
 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 	Yes Yes No No 3
 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 	Yes Yes No No 3 5
 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 	Yes Yes No No 3 5 0
 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 contacts / for auxiliary contacts / attachable / maximum number of contacts / for auxiliary contacts / attachable / maximum 	Yes Yes No No 3 5 0 3
 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 bracket locks / maximum number of bracket locks / maximum 	Yes Yes No No 3 5 0 3
 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 bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks 	Yes Yes No No 3 5 0 3
 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 bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks 	Yes Yes No No 3 5 0 3 4 6 mm
 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 bracket locks / 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 	Yes Yes No No 3 5 0 3 4 6 mm
 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 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 let-through current / with closed switch at 240 V / for combination switch + gG fuse / 	Yes Yes No No 3 5 0 3 4 6 mm
 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 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 let-through current / with closed switch at 240 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / 	Yes Yes Yes No No 3 5 0 3 4 6 mm
 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 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 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 / by combination switch + gG fuse / maximum 	Yes Yes Yes No No 3 5 0 3 4 6 mm 50 kA 6 kA 6 kA
 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 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 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 at 690 V / for combination switch + gG fuse / maximum at 690 V / for combination switch + gG fuse / maximum 	Yes Yes Yes No No No 3 5 0 0 3 4 6 mm 50 kA 6 kA 6 kA

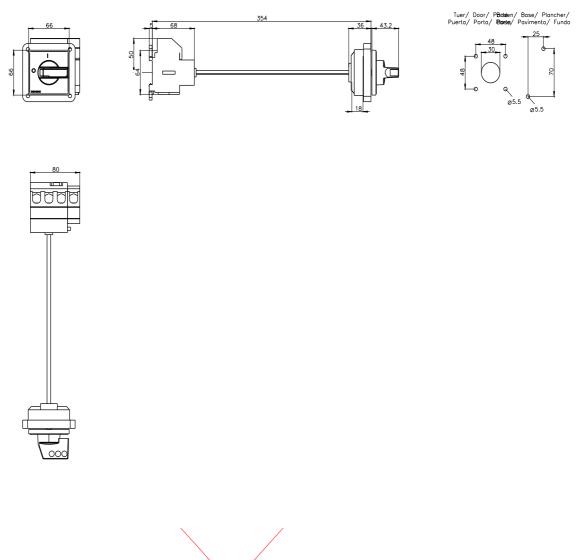
maximum	
 at 690 V / for combination switch + gG fuse / 	21 kA2.s
maximum	
design of the fuse link	
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 63 A
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A
operational current / of upstream fuse / rated value	63 A
according UL	
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	40
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	50
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	175 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 (2,535mm²)
 finely stranded / with core end processing 	1x (2.516 mm ²)
stranded	1x (2,535mm²)
type of connectable conductor cross-sections / for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²)
• finely stranded / with core end processing	lateral auxiliary switch 2x (0,75 1,5mm ²), 1x 2,5mm ² ; front auxiliary switch 1x 2,5mm ²
stranded	lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²)
type of electrical connection	
 for main current circuit 	box terminal
 for auxiliary contacts 	connection terminals
Mechanical Design	
height	91 mm
width	84 mm
depth	395 mm
type of device	fixed mounting Built-in unit fixed-mounted version
fastening method	
4-hole front mounting	Yes
 front mounting front mounting with central attachment 	No
• rail mounting	Yes
net weight	651 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	

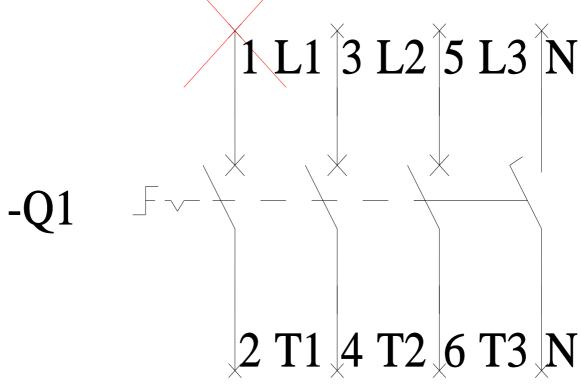
	<u>Confirmation</u>			VDE	<u>Miscellaneous</u>
General Product Approval	Declaration of Cont	ormity	Test Certificates	Marine / Shipping	other
EAC	UK CA	CE EG-Konf.	<u>Special Test Certific-</u> <u>ate</u>	Llovd's Register us	<u>Environmental Con-</u> firmations

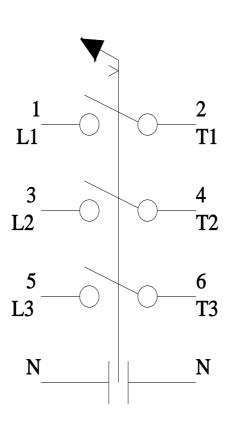
other

Miscellaneous

	information ation- and Downloadcenter (Catalogs, Brochures,)
	ww.siemens.com/lowvoltage/catalogs
	ry Mall (Online ordering system) mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2517-1TL13
	e&Support (Manuals, Certificates, Characteristics, FAQs,) support.industry.siemens.com/cs/ww/en/ps/3LD2517-1TL13
	database (product images, 2D dimension drawings, 3D models, device circuit diagrams,) ww.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2517-1TL13
CAx-O	nline-Generator
http://w	ww.siemens.com/cax
	r specifications /ww.siemens.com/specifications







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