SIEMENS

Data sheet

3LD3154-1TL53



Load disconnector 3LD3, lu 25 A Main switch 3-pole + N Rated operating capacity at AC-23 A at 400V 9.0kW Front plate mounting Basic switch with Central hole mounting 22.5mm Toggle drive red / yellow 66x66 mm with auxiliary switch 10E + 1S

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 front mounted design of the actuating element red color / of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No Ceneral technical data	Model	
design of the product EMERGENCY-STOP switch display version / for switch position indicator manual operation 1 ON - 0 OFF type of switch front mounted design of the actuating element Short rotary knob color / of the actuating element red design of the actuating element red other of phales 4 number of poles 4 number of poles 4 number of poles 6 electrical endurance (witching cycles) / typical 100 000 electrical endurance (witching cycles) 6000 operating frequency / maximum 50 1/h degree of polition 3 Voltage 600 V <	product brand name	SENTRON
display version / for switch position indicator manual operation 1 ON - 0 OFF type of switch front mounted design of the actuating element Short rotary knob color / of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data	product designation	3LD Switch disconnector
operation front mounted design of the actuating element red color / of the actuating element red design of handle rotary operating 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 Short rotary knob color / of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data number of poles 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 operating frequency / maximum 680 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating voltage 61 kV operating frequency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 600 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 70 Hz degree of protection class IP		1 ON - 0 OFF
color / of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data Inumber of poles / note number of poles / note 4 number of poles / note 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	type of switch	front mounted
design of handle rotary operating mechanism, red/yellow 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	color / of the actuating element	red
General technical data 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 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V operating voltage resistance / rated value 690 V operating requency / maximum 60 V operating voltage 61 V • at AC / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 70 Hz protection class IP 1.3R, 4X, 12 protection class IP / on the front 1065 Dissipa	design of handle	rotary operating mechanism, red/yellow
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 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V operating voltage resistance / rated value 690 V operating voltage 64V operating requency / rated value 690 V operating voltage 64V operating requency / rated value 690 V operating frequency / rated value 70 Hz maximum 50 Hz protection class IP 1.3R, 4X, 12 protection class IP / on the front 1P65 Dissipation 1.1 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 25 A<	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 frequency / rated value 50 Hz protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation	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 surge voltage resistance / rated value 690 V operating voltage 6100 • at AC / rated value 690 V operating voltage 690 V • at AC / rated value 690 V operating voltage 690 V • at AC / rated value 690 V operating frequency / rated value 600 Hz Protection class IP 10 P65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.1 W pover loss [W] / for rated value of the current / at AC / in hot operating state / per pole 25 A operational	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 64V operating voltage 6 kV operating trequency / rated value 690 V operating voltage 6 kV operating frequency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 600 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 1.1 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 25 A operational current / rated value 25 A	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 50 Hz e maximum 50 Hz for tection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.1 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 25 A operational current / rated value <	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 6 kV operating voltage 690 V • 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 1.1 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 25 A operational current / rated value 25 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 frequency / rated value 690 V • minimum 50 Hz • maximum 60 Hz Protection class Protection class IP protection class IP / on the front IP65 Dissipation 1, 3R, 4X, 12 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.1 W Operational current 25 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 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 60 Hz • maximum 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 11 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.1 W Operational current 25 A operational current 25 A	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 1.1 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.1 W Operational current / rated value 25 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 • minimum 60 Hz Protection class 1065 protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 11 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.1 W Operational current 25 A operational current 25 A	Voltage	
operating voltage 690 V operating frequency / rated value 690 V operating frequency / rated value 60 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 IP65 Dissipation 1.1 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.1 W operational current / rated value 25 A	insulation voltage / rated value	690 V
• 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 IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.1 W operational current / rated value 25 A operational current 25 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 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.1 W Current 25 A operational current / rated value 25 A	operating voltage	
• minimum 50 Hz • maximum 60 Hz Protection class	• 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 25 A	operating frequency / rated value	
Protection class 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 1.1 W Current 25 A operational current 25 A • at 40 °C / rated value 25 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 1.1 W Current 25 A operational current 25 A • at 40 °C / rated value 25 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 1.1 W Current 25 A operational current 25 A • at 40 °C / rated value 25 A	Protection class	
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 1.1 W Current 0perational current / rated value operational current 25 A operational current 25 A	protection class IP	IP65
Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.1 W Current operational current / rated value 25 A operational current 25 A • at 40 °C / rated value 25 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 1.1 W Current	protection class IP / on the front	IP65
hot operating state / per pole Current operational current / rated value 25 A operational current 25 A • at 40 °C / rated value 25 A	Dissipation	
operational current / rated value 25 A operational current 25 A • at 40 °C / rated value 25 A	power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	1.1 W
operational current • at 40 °C / rated value 25 A	Current	
• at 40 °C / rated value 25 A	operational current / rated value	25 A
	operational current	
• at 45 °C / rated value 25 A	 at 40 °C / rated value 	25 A
	• at 45 °C / rated value	25 A

a at E0 °C / rated value	
• at 50 °C / rated value	25 A
• at 55 °C / rated value	25 A
at AC / rated value	25 A
Main circuit	
operational current	
 at AC-21 / at 690 V / rated value 	25 A
 at AC-21 A / at 240 V / rated value 	25 A
 at AC-21 A / at 400 V / rated value 	32 A
 at AC-21 A / at 440 V / rated value 	25 A
• at AC-23 A / at 400 V / rated value	20 A
operating power	
 at AC-23 A / at 240 V / rated value 	4 kW
 at AC-23 A / at 400 V / rated value 	10 kW
 at AC-23 A / at 440 V / rated value 	9 kW
 at AC-23 A / at 690 V / rated value 	9 kW
 at AC-3 / at 240 V / rated value 	4 kW
• at AC-3 / at 400 V / rated value	8 kW
• at AC-3 / at 690 V / rated value	7.5 kW
Auxiliary circuit	
number of CO contacts / for auxiliary contacts	0
number of NC contacts / for auxiliary contacts	1
number of NO contacts / for auxiliary contacts	1
operating voltage / of auxiliary contacts / at AC / maximum	500 V
continuous current / of the auxiliary contact / rated value	10 A
insulation voltage / of the auxiliary switch / rated value	500 V
Suitability	
suitability for use	
main switch	Yes
 switch disconnector 	Yes
 EMERGENCY OFF switch 	Yes
 safety switch 	Yes
 maintenance/repair switch 	Yes
maintenance/repair switch Product details	Yes
	Yes Can be locked in zero position
Product details	
Product details special product feature product feature / can be locked into OFF position	Can be locked in zero position
Product details special product feature	Can be locked in zero position
Product details special product feature product feature / can be locked into OFF position accessories	Can be locked in zero position
Product details special product feature product feature / can be locked into OFF position accessories product extension / optional • motor drive	Can be locked in zero position Yes
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	Can be locked in zero position Yes No
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	Can be locked in zero position Yes No No
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	Can be locked in zero position Yes No No 2
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	Can be locked in zero position Yes No No 2 4 0
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	Can be locked in zero position Yes No No 2 4 0 3
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	Can be locked in zero position Yes No No 2 4 0
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	Can be locked in zero position Yes No No 2 4 0 3
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 number of bracket locks / maximum conditional short-circuit current / with line-side fuse protection	Can be locked in zero position Yes No No 2 4 0 3 4 8 mm
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 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	Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA
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	Can be locked in zero position Yes No No 2 4 0 3 4 8 mm
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 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value let-through current / with closed switch	Can be locked in zero position Yes No No 2 4 0 3 3 4 8 mm 10 kA 6 kA
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	Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA
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 let-through current / with closed switch • at 240 V / for combination switch + gG fuse /	Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA
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 let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 440 V / by combination switch + gG fuse / maximum	Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA 3.5 kA
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 440 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 440 V / for combination switch + gG fuse / maximum	Can be locked in zero position Yes No No 2 4 0 3 4 8 mm
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 eat 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	Can be locked in zero position Yes No No 2 4 0 3 4 8 mm

maximum	
 at 440 V / for combination switch + gG fuse / 	4 kA2.s
maximum	
 at 690 V / for combination switch + gG fuse / maximum 	4 kA2.s
design of the fuse link	
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 25 A
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A
operational current / of upstream fuse / rated value	25 A
according UL	
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value	25 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	10
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	15
short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1	5 kA
continuous current / of upstream fuse / according to UL / rated value	50 A
type of fuse / according to UL	RK5
Connections	
AWG number / as coded connectable conductor cross section / solid	
• maximum	6
• minimum	14
type of connectable conductor cross-sections / for copper	
conductor	
• solid	1x (2.5 to 16 mm ²)
 finely stranded / with core end processing 	1x (2.516 mm ²)
stranded 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	60 mm
depth	114 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
 front mounting with central attachment rail mounting 	Yes No
net weight	200 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









UK CA

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=3LD3154-1TL53 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3154-1TL53 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3154-1TL53 CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications







