SIEMENS

Data sheet

3LD2013-1TL53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 4- pole, lu: 16 A, operating power / at AC-23 A 400 V: 7.5 kW, floor mounting with door coupling, rotary operating mechanism, Red / yellow, 4-hole mounting of the handle

Model				
Product brand name	SENTRON			
Product designation	3LD Switch disconnector			
Design of the product	EMERGENCY-STOP switch			
Display version / for switch position indicator manual operation	1 ON - 0 OFF			
Design of the operating mechanism	Short rotary knob			
Design of handle	rotary operating mechanism, red/yellow			
Type of the driving mechanism / motor drive	No			
General technical data				
Number of poles	4			
Type of device	fixed mounting			
Type of switch	Floor mounting with door coupling			
Size of switch disconnector	1			
Electrical endurance (switching cycles)				
• at AC-23 A / at 690 V	6 000			
I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum	2.5 kA2.s			

Let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	2.5 kA2.s
Mechanical service life (switching cycles) / typical	100 000
Operating frequency / maximum	50 1/h
Voltage	690 V
Insulation voltage / rated value Surge voltage resistance / rated value	6 kV
Operating current / at AC / rated value	16 A
Operating voltage	10 A
at AC / at 50/60 Hz / rated value	690 V
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 	0.5 W
operating state / per pole	
 per conductor / typical 	0.5 W
Current	
Operating current	-
• at AC-23 A / at 690 V / rated value	9 A
• at AC-23 A / at 400 V / rated value	16 A
• at AC-22 A / at 690 V / rated value	16 A
• at AC-21 / at 690 V / rated value	16 A
• at AC-21 A / at 240 V / rated value	16 A
• at AC-21 A / at 440 V / rated value	16 A
• at AC-22 A / at 240 V / rated value	16 A
• at AC-22 A / at 440 V / rated value	16 A
• at AC-23 A / at 240 V / rated value	16 A
• at AC-23 A / at 440 V / rated value	16 A
Operating current / of upstream fuse / rated value	20 A
Let-through current / with closed switch	
 at 440 V / for combination switch + gG fuse / maximum 	3 kA
 at 690 V / for combination switch + gG fuse / maximum permissible 	3 kA
Short-time withstand current (Icw)	
 limited to 1 s / rated value 	340 A
• at 690 V / limited to 1 s / rated value	340 A
Main circuit	

 initial value 50 Hz 60 Hz 61 AC-23 A / at 400 V / rated value 75 KW 61 AC-23 A / at 400 V / rated value 75 KW 61 AC-23 A / at 400 V / rated value 75 KW 61 AC-23 A / at 400 V / rated value 62 KW 61 AC-23 A / at 400 V / rated value 63 KW 61 AC-33 A / at 400 V / rated value 63 KW 61 AC-33 A / at 400 V / rated value 63 KW 60 A 75 KW 60 Contacts / for auxiliary contacts 70 A 70 Contacts / for auxiliary contacts 70 A 70 A<th>Operating frequency</th><th></th>	Operating frequency			
Instruction Instruction operating power et AC-23 A / at 200 V / rated value f XW et AC-23 A / at 400 V / rated value f XW et AC-23 A / at 400 V / rated value f XW et AC-23 A / at 400 V / rated value f XW et AC-23 A / at 400 V / rated value f XW et AC-23 A / at 400 V / rated value f XW et AC-33 / at 240 V / rated value f XW et AC-3 / at 200 V / rated value f XW et AC-3 / at 200 V / rated value f XW et AC-3 / at 690 V / rated value f XW et AC-3 / at 400 V / rated value f XW et AC-3 / at 400 V / rated value f XW et AC-3 / at 400 V / rated value f XW et AC-3 / at 400 V / rated value f XW et AC-3 / at 400 V / rated value f XW et AC-3 / at 400 V / rated value f XW et AC-3 / at 400 V / rated value f XW et AC-3 / f CO contacts / for auxiliary contacts f XW et AC-3 / f CO contacts / at AC / maxiliary contacts f XW <lif li="" xw<=""> f XW</lif>	● initial value	50 Hz		
+ at AC-23 A / at 240 V / rated value 4 kW + at AC-23 A / at 400 V / rated value 7.5 kW + at AC-23 A / at 400 V / rated value 7.5 kW + at AC-23 A / at 400 V / rated value 7.5 kW + at AC-33 / at 400 V / rated value 7.5 kW + at AC-33 / at 400 V / rated value 7.5 kW + at AC-37 / at 240 V / rated value 5.5 kW + at AC-37 / at 400 V / rated value 5.5 kW + at AC-37 / at 400 V / rated value 5.5 kW • at AC-37 / at 400 V / rated value 5.5 kW Operating current / rated value 5.5 kW Operating current / rated value 0 Number of Contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Operating voltage / of the auxiliary contact / rated 10 A value 500 V Continuous current / of the auxiliary contact / rated 10 A value 500 V Suitability for use yes Main switch Yes • safety switch Yes • safety switch Yes • maintenance/repair switch Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF	● Full-scale value	60 Hz		
at AC:23 A / at 400 V / at 50/60 Hz / rated value 7.5 kW at AC:23 A / at 400 V / rated value 7.5 kW at AC:23 A / at 600 V / rated value 7.5 kW at AC:33 / at 400 V / rated value 7.5 kW at AC:33 / at 400 V / rated value 7.5 kW at AC:33 / at 400 V / rated value 7.5 kW at AC:3 / at 600 V / rated value 5.5 kW at AC:3 / at 600 V / rated value 5.5 kW ot AC:3 / at 600 V / rated value 5.5 kW ot AC:3 / at 600 V / rated value 5.5 kW Operating current / rated value 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Operating voltage / of the auxiliary contact / rated 10 A value 10 A Insulation voltage / of the auxiliary switch / rated 500 V value 500 V Suitability for use Yes • Main switch Yes • safety switch Yes • safety switch Yes • anithenance/repair switch Yes • aniantenance/repair switc	Operating power			
at AC-23 A / at 400 V / rated value 7.5 kW at AC-23 A / at 480 V / rated value 7.5 kW at AC-23 A / at 690 V / rated value 7.5 kW at AC-3 / at 200 V / rated value 3 kW at AC-3 / at 400 V / rated value 5.5 kW at AC-3 / at 400 V / rated value 5.5 kW ot AC-3 / at 400 V / rated value 5.5 kW ot AC-3 / at 400 V / rated value 5.5 kW ot AC-3 / at 600 V / rated value 5.5 kW ot AC-3 / at 600 V / rated value 5.6 kW ot AC-3 / at 600 V / rated value 6 At C-3 / at 600 V / rated value 5.6 kW Operating current / rated value 16 A Auxiliary circuit 0 Number of NC contacts / for auxiliary contacts 0 Operating voltage / of auxiliary contacts / at AC / rated 0 Operating voltage / of the auxiliary contact / rated 10 A value 10 A Suitability for use Yes • Main switch Yes • Suitability for use Yes • Main switch Yes • safety switch Yes • asfety switch Yes • asfety switch Yes • maintenance/repair switch Yes • position S • Product funct	• at AC-23 A / at 240 V / rated value	4 kW		
eit AC-23 A / at 400 V / rated value 7.5 kW eit AC-23 A / at 690 V / rated value 7.5 kW eit AC-3 / at 240 V / rated value 3 kW eit AC-3 / at 400 V / rated value 5.5 kW eit AC-3 / at 690 V / rated value 5.5 kW eit AC-3 / at 690 V / rated value 5.5 kW Operating current / rated value 5.5 kW Operating current / rated value 0 Number of Contacts / for auxiliary contacts 0 Number of Contacts / for auxiliary contacts 0 Operating voltage / of auxiliary contacts 0 Operating voltage / of auxiliary contacts / at AC / maximum 500 V Continuous current / of the auxiliary contact / rated value 500 V Insulation voltage / of the auxiliary switch / rated value 500 V Suitability for use Yes • Main switch Yes • switch disconnector Yes • switch disconnector Yes • switch disconnector Yes • Suitability for use red • Main switch Yes • Safety switch Yes • Safety switch Yes • Color / of the acutating element red Product details Yes • Product function / can be locked into OFF Yes	• at AC-23 A / at 400 V / at 50/60 Hz / rated value	7.5 kW		
at AC-23 / at 500 // rated value 7.5 kW at AC-3 / at 240 V / rated value 3 kW at AC-3 / at 200 V / rated value 5.5 kW otat AC-3 / at 500 V / rated value 5.5 kW Operating current / rated value 16 A Auxiliary circult 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Operating voltage / of auxiliary contacts 0 Outsous current / rate value 10 A value 500 V Continuous current / of the auxiliary contact / rated 10 A value 500 V Continuous current / of the auxiliary contact / rated 500 V value 500 V Suitability 500 V Suitability for use 500 V • Main switch Yes • switch disconnector Yes • Suitability for use Yes • Main switch Yes • safety switch Yes • asifety switch Yes • asifety switch Yes • product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • position 3 Hasp thickness / of the bracket locks / maximum 3 <	• at AC-23 A / at 400 V / rated value	7.5 kW		
at AC-3/ at 240 // rated value 3 kW • at AC-3/ at 240 V / rated value 5.5 kW • at AC-3/ at 690 V / rated value 5.5 kW • at AC-3/ at 690 V / rated value 16 A Auxiliary circuit 16 A Auxiliary circuit 0 Number of CO contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Operating waltage / of auxiliary contacts 0 Operating waltage / of auxiliary contacts 0 Operating waltage / of auxiliary contacts / at AC / 500 V maximum 10 A Continuous current / of the auxiliary contact / rated 900 V Value 10 A Suitability 500 V Suitability or use 10 A • Main switch Yes • switch disconnector Yes • Suitability or use Yes • EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes • position Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes <	• at AC-23 A / at 440 V / rated value	7.5 kW		
e at AC-3 / at 400 // rated value 5.5 kW • at AC-3 / at 690 V / rated value 5.5 kW Operating current / rated value 16 A Auxiliary circuit 0 Number of CO contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Operating outget / of auxiliary contacts 0 Operating voltage / of auxiliary contacts 0 Operating voltage / of auxiliary contacts / at AC / maximum 500 V Continuous current / of the auxiliary contact / rated value 10 A Suitability 500 V Suitability 500 V Suitability or use 900 V • Main switch Yes • Switch disconnector Yes • EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes • Product details 9 • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF <td< td=""><td>• at AC-23 A / at 690 V / rated value</td><td colspan="3">7.5 kW</td></td<>	• at AC-23 A / at 690 V / rated value	7.5 kW		
• at AC-3/ at 680 V / rated value 5.5 kW Operating current / rated value 16 A Auxiliary circuit 0 Number of CO contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Operating voltage / of auxiliary contacts / at AC / maximum 0 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 500 V • Main switch Yes • Switch disconnector Yes • EMERGENCY OFF switch Yes • switch disconnector Yes • maintenance/repair switch Yes • product details red • Product function / can be locked into OFF position Yes • Product function / can be locked into OFF position 3 • Number of bracket locks / maximum 3 • Hasp thickness / of the bracket locks / maximum 4 mm • product extension / optional mm	• at AC-3 / at 240 V / rated value	3 kW		
Operating current / rated value 16 A Auxiliary circuit 16 A Number of CO contacts / for auxiliary contacts 0 Number of NC 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 500 V Suitability 500 V Suitability for use 500 V • Main switch Yes • switch disconnector Yes • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • Product details Yes • Product details 3 • Number of bracket locks / maximum 3 • Hasp thickness / of the bracket locks / maximum 8 mm	• at AC-3 / at 400 V / rated value	5.5 kW		
Auxiliary circuit Number of CO contacts / for auxiliary contacts 0 Number of NC 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 500 V Suitability 500 V Suitability for use 500 V • Main switch Yes • switch disconnector Yes • switch disconnector Yes • maintenance/repair switch Yes Popearance Color / of the actuating element Product details red • Product function / can be locked into OFF position Yes • Product function / can be locked into OFF position 3 • Product function / can be locked into OFF position Yes • Product function / can be locked into OFF position 3 • Product function / can be locked into OFF position 8 mm • Product toteks / maximum 3 • Hasp thickness / of the bracket locks / maximum 8 mm • motor drive No	• at AC-3 / at 690 V / rated value	5.5 kW		
Number of CO contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Operating voltage / of auxiliary contacts / at AC / maximum 0 Continuous current / of the auxiliary contact / rated value 10 A Insulation voltage / of the auxiliary switch / rated value 10 A Suitability 500 V Suitability Yes • maintenance/repair switch Yes	Operating current / rated value	16 A		
Number of CO contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Operating voltage / of auxiliary contacts / at AC / maximum 0 Continuous current / of the auxiliary contact / rated value 10 A Insulation voltage / of the auxiliary switch / rated value 10 A Suitability 500 V Suitability Yes • maintenance/repair switch Yes				
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 500 V Suitability 500 V Suitability 500 V Suitability for use 500 V • Main switch Yes • switch disconnector Yes • EMERGENCY OFF switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • Product details red Product details Yes • Product function / can be locked into OFF position Yes • Product function / can be locked into OFF position Yes • Product function / can be locked into OFF position Yes • Product function / can be locked into OFF position Yes • Product function / can be locked into OFF position Mam • Number of bracket locks / maximum 3 Hasp thickness / of the bracket		0		
Number of NO contacts / for auxiliary contacts 0 Operating voltage / of auxiliary contacts / at AC / 500 V maximum 200 V Continuous current / of the auxiliary contact / rated value 10 A Insulation voltage / of the auxiliary switch / rated value 500 V Suitability Yes Suitability Yes • BMERGENCY OFF switch Yes • maintenance/repair switch Yes Color / of the actuating element red Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes position	-			
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 Yes • BMERGENCY OFF switch Yes • maintenance/repair switch Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • position 3 Hasp thickness / of the bracket locks / maximum 3 mm Hasp thickness / of				
maximum Inalian and the auxiliary contact / rated value 10 A Insulation voltage / of the auxiliary switch / rated value 500 V Suitability 500 V Suitability 500 V Suitability for use 500 V • Main switch Yes • switch disconnector Yes • EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes Color / of the actuating element red Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • position 3 Hasp thickness / of the bracket locks / maximum 3 Hasp thickness / of the bracket locks / maximum 8 mm • motor drive No	-			
value 500 V Insulation voltage / of the auxiliary switch / rated value 500 V Suitability 500 V Suitability Yes Suitability for use Yes • Main switch Yes • Switch disconnector Yes • EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes Color / of the actuating element red Product details * • Product function / can be locked into OFF Yes • Product function / can be locked into OFF Yes • Number of bracket locks / maximum 3 Hasp thickness / of the bracket locks / minimum 4 mm Hasp thickness / of the bracket locks / maximum 8 mm Product extension / optional % on				
Insulation voltage / of the auxiliary switch / rated value 500 V Suitability 500 V Suitability Suitability for use • Main switch Yes • switch disconnector Yes • EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes Color / of the actuating element red Product details * • Product function / can be locked into OFF position Yes Number of bracket locks / maximum 3 Hasp thickness / of the bracket locks / minimum 4 mm Hasp thickness / of the bracket locks / maximum 8 mm Product extension / optional No	Continuous current / of the auxiliary contact / rated	10 A		
value Suitability Suitability for use Yes • Main switch Yes • switch disconnector Yes • EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes Color / of the actuating element red Product details red Number of bracket locks / maximum 3 Hasp thickness / of the bracket locks / minimum 4 mm Hasp thickness / of the bracket locks / maximum 8 mm Product extension / optional % motor drive • motor drive No	value			
Suitability Suitability for use Yes • Main switch Yes • switch disconnector Yes • switch disconnector Yes • EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes Appearance Color / of the actuating element Product details red Product function / can be locked into OFF Yes position 3 Number of bracket locks / maximum 3 Hasp thickness / of the bracket locks / minimum 4 mm Hasp thickness / of the bracket locks / maximum 8 mm Product extension / optional No		500 V		
Suitability for use Yes • Main switch Yes • switch disconnector Yes • EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes Appearance Ves Color / of the actuating element red Product details Yes • Product function / can be locked into OFF position Yes Number of bracket locks / maximum 3 Hasp thickness / of the bracket locks / minimum 4 mm Hasp thickness / of the bracket locks / maximum 8 mm Product extension / optional No	value			
• Main switchYes• switch disconnectorYes• EMERGENCY OFF switchYes• safety switchYes• maintenance/repair switchYes• maintenance/repair switchYesColor / of the actuating elementredProduct detailsYes• Product function / can be locked into OFF positionYesNumber of bracket locks / maximum3Hasp thickness / of the bracket locks / minimum4 mmHasp thickness / of the bracket locks / maximum8 mmProduct extension / optional • motor driveNo	Suitability			
• switch disconnectorYes• Switch disconnectorYes• EMERGENCY OFF switchYes• safety switchYes• maintenance/repair switchYesAppearanceredColor / of the actuating elementredProduct details• Product function / can be locked into OFF positionYesNumber of bracket locks / maximum3Hasp thickness / of the bracket locks / maximum4 mmHasp thickness / of the bracket locks / maximum8 mmProduct extension / optional • motor driveNo	Suitability for use			
 EMERGENCY OFF switch Safety switch maintenance/repair switch Yes Appearance Color / of the actuating element red Product details Product function / can be locked into OFF Product function / can be locked into OFF Product of bracket locks / maximum Mumber of bracket locks / maximum Hasp thickness / of the bracket locks / minimum Hasp thickness / of the bracket locks / maximum Roduct extension / optional motor drive No 	 Main switch 	Yes		
	 switch disconnector 	Yes		
	 EMERGENCY OFF switch 	Yes		
Appearance red Color / of the actuating element red Product details	 safety switch 	Yes		
Color / of the actuating element red Product details	 maintenance/repair switch 	Yes		
Color / of the actuating element red Product details	Appearance			
Product function / can be locked into OFF position Yes Number of bracket locks / maximum Hasp thickness / of the bracket locks / minimum Hasp thickness / of the bracket locks / maximum Product extension / optional • motor drive No		red		
Product function / can be locked into OFF position Yes Number of bracket locks / maximum Hasp thickness / of the bracket locks / minimum Hasp thickness / of the bracket locks / maximum Product extension / optional • motor drive No	Product details			
Number of bracket locks / maximum 3 Hasp thickness / of the bracket locks / minimum 4 mm Hasp thickness / of the bracket locks / maximum 8 mm Product extension / optional • motor drive		Yes		
Hasp thickness / of the bracket locks / minimum 4 mm Hasp thickness / of the bracket locks / maximum 8 mm Product extension / optional No	position			
Hasp thickness / of the bracket locks / maximum 8 mm Product extension / optional No	Number of bracket locks / maximum	3		
Product extension / optional • motor drive No	Hasp thickness / of the bracket locks / minimum	4 mm		
motor drive No	Hasp thickness / of the bracket locks / maximum	8 mm		
	Product extension / optional			
Voltage trigger No	motor drive	No		
	Voltage trigger	No		

Short circuit	
Conditional short-circuit current / with line-side fuse	
protection	
• at 690 V / by gG fuse / rated value	50 kA
according UL	
Operating current / at AC / acc. to UL 508 / rated value	16 A
Operating voltage / at AC / at 50/60 Hz / acc. to UL 508 / rated value	600 V
Active power [hp] / at AC / at 480 V / acc. to UL 508 / rated value	7.5
Active power [hp] / at AC / at 600 V / acc. to UL 508 / rated value	10
Short-time withstand current (SCCR) / at 600 V / acc. to UL 508	5 kA
Continuous current / of upstream fuse / according to UL / rated value	50 A
Type of fuse / according to UL	RK5
Number of connectable NC contacts / for auxiliary contacts / attachable / maximum	2
Number of connectable NO contacts / for auxiliary contacts / attachable / maximum	3
Number of connectable CO contacts / for auxiliary contacts / attachable / maximum	0
Connections	
AWG number / as coded connectable conductor cross section / solid	
• maximum	10
• minimum	18
Type of connectable conductor cross-sections / for copper conductor	
• solid	1x (16mm²)
 finely stranded / with core end processing 	1x (14mm²)
• stranded	1x (16mm²)
Type of connectable conductor cross-sections / for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
 finely stranded / with core end processing 	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm²
• stranded	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
Type of electrical connection	
• for main current circuit	box terminal

 for auxiliary cor 	auxiliary contacts		connection terminals			
Requirements						
Design of the fuse lin	k					
 for short-circuit required 	 for short-circuit protection of the main circuit / required 			fuse gL/gG: 20 A		
 for short-circuit / required 	• for short-circuit protection of the auxiliary switch		fuse gL/gG: 10 A			
Mechanical Design						
Height			84 mm			
Width			67 mm			
Depth			429.5 mm			
Mounting type			Built-in unit fixed-m	ounted version		
Mounting type						
 front mounting 	with 4-hole attachme	ent	Yes			
 front mounting 	 front mounting with central attachment 		No			
 rail mounting 			Yes			
Net weight			423 g			
Environmental condi	tions					
Ambient temperature						
• minimum			-25 °C			
 maximum 			55 °C			
Ambient temperature	Ambient temperature / during storage / minimum		-25 °C			
Certificates						
Reference code						
 acc. to DIN EN 	61346-2		S			
 acc. to DIN EN 	81346-2		SF			
General Product	Approval				Declaration of Conformity	
ccc	CSA			<u>Miscellaneous</u>	EG-Konf.	
Test Certific- ates	Shipping Ap- proval	other				
Special Test Certi- ficate	Lloyd's Register	Environmental firmations				

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=3LD2013-1TL53

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD2013-1TL53

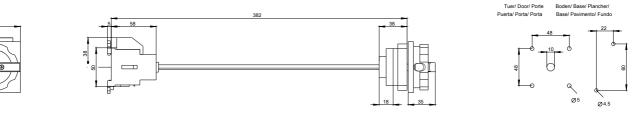
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2013-1TL53

CAx-Online-Generator

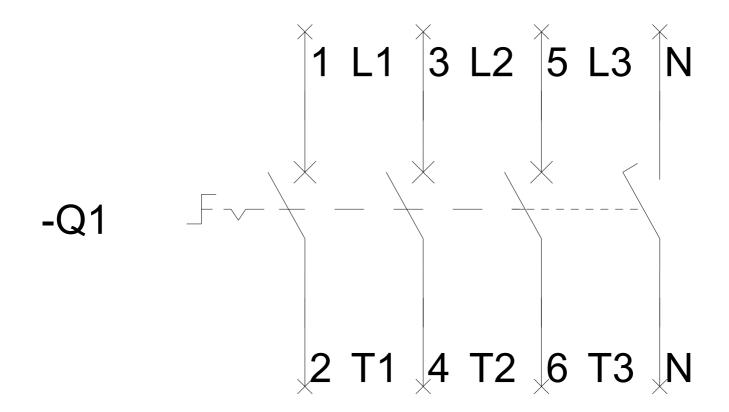
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications







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