SIEMENS

Data sheet

3LD2144-0TK53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 3-pole, Iu: 25 A, operating power / at AC-23 A 400 V: 9.5 kW, floor mounting with door coupling, rotary operating mechanism, Red / yellow, central mounting 22.5 mm of the handle

product brand name SENTRON product designation 3LD Switch disconnector design of the product EMERGENCY-STOP switch disphay version / for switch position indicator manual operation 10A - 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 rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data - number of poles 3 size of switch disconnector 2 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 60 00 operating frequency / maximum 60 140 dagree of pollution 3 Voltage 680 V surge voltage resistance / rated value 690 V operating frequency / rated value 600 V operating frequency / rated value 600 V operating frequency / rated value	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 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 size of switch disconnector 2 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 680 V operating frequency / rated value 690 V operating rotage 61 kZ e at A C / rated value 690 V operating rotage 61 kZ operating rotage 61 kZ e at A C / rated value 50 Hz operating frequency / rated value 60 Hz Protect	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 rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data	product designation	3LD Switch disconnector			
operation Floor mounting with door coupling 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 3 size of switch disconnector 2 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 rated value surge voltage resistance / rated value 680 V operating frequency / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / rated value 100 14z operating frequency / rated value 690 V operating frequency / rated value 100 14z operating frequency / rated value 100 14z operating frequency / rated value <td< td=""><td></td><td colspan="4">1 ON - 0 OFF</td></td<>		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 size of switch disconnector 2 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 frequency / maximum 60 Hz operating requency / rated value 690 V operating voltage resistance / rated value 690 V operating requency / rated value 600 V operating requency / rated value 70 Hz operating frequency / rated value 70 Hz operating frequency / rated value	type of switch	Floor mounting with door coupling			
design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data number of poles size of switch disconnector 2 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 6 000 operating frequency / maximum 60 1/h degree of pollution 3 Voltage insulation voltage / rated value insulation voltage / rated value 690 V operating frequency / maximum 60 kV surge voltage resistance / rated value 690 V operating frequency / rated value 60 Hz protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front </td <td>design of the actuating element</td> <td>Short rotary knob</td>	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 3 size of switch disconnector 2 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 insulation voltage / rated value insulation voltage / rated value 690 V operating reguency / rated value 690 V operating reguency / rated value 690 V operating voltage 64 KV operating reguency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 70 Hz protection class IP IP65 Degree of protection NEMA rating 1, 3R, 4X, 12 <td>design of handle</td> <td>rotary operating mechanism, red/yellow</td>	design of handle	rotary operating mechanism, red/yellow			
number of poles 3 size of switch disconnector 2 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 requency / 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 IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.1 W <	type of the driving mechanism / motor drive	No			
size of switch disconnector 2 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 surge voltage resistance / rated value 690 V operating frequency / maximum 600 V operating voltage 64V 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 IP65 Dissipation IP65 Dissipation 1.1 W power loss [W] / for rated value of the current / at AC / in ht operating state / per pole 1.1 W current 25 A operational current / rated value 25 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 690 V 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 690 V operation class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.1 W	number of poles	3			
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 voltage 64V • at AC / rated value 690 V operating voltage 64V • at AC / rated value 690 V operating voltage 64V • at AC / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 60 Hz Protection class P protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation IP65 operating state / per pole 25 A operational current / rated value 25 A	size of switch disconnector	2			
• at AC-23 A / at 690 V 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 690 V • at AC / rated value 690 V operating frequency / rated value 112 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 operational current / rated value 25 A	mechanical service life (switching cycles) / typical	100 000			
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 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 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 operational current 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 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 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	• 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 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 25 A operational current 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 50 Hz • minimum 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 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 25 A operational current 25 A	Voltage				
operating voltage 690 V operating frequency / rated value 690 V operating frequency / rated value 50 Hz ominimum 50 Hz omaximum 60 Hz Protection class 100 Hz protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.1 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 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 1.1 W Current 25 A operational current / rated value 25 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 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 AC / rated value 	690 V			
• maximum 60 Hz 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 Operational current / rated value 25 A operational current 25 A	operating frequency / rated value				
Protection class protection class IP 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 operational current • 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 operational current / rated value operational current 25 A operational current 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 operational current / rated value 25 A operational current • 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 - operational current / rated value 25 A operational current - • at 40 °C / rated value 25 A	protection class IP / on the front	IP65			
hot operating state / per pole Current operational current / rated value 25 A operational current 40 °C / rated value • 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		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			

	05 A
• 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 	25 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 	5 kW
 at AC-23 A / at 400 V / rated value 	10 kW
 at AC-23 A / at 440 V / rated value 	9.5 kW
 at AC-23 A / at 690 V / rated value 	10 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	0
number of NO contacts / for auxiliary contacts	0
operating voltage / of auxiliary contacts / at AC / maximum	500 V
continuous current / of the auxiliary contact / rated value	10 A
insulation voltage / of the auxiliary switch / rated value	500 V
Suitability	
suitability for use	
main switch	Yes
 switch disconnector 	Yes
 EMERGENCY OFF switch 	Yes
 safety switch 	Yes
 maintenance/repair switch 	Yes
maintenance/repair switch Product details	Yes
	Yes
Product details	
Product details product feature / can be locked into OFF position	
Product details product feature / can be locked into OFF position accessories	
Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive	Yes
Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger	Yes
Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive	Yes No No
Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No
Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 3
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 NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts	Yes No No 3 5
Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 3 5 0
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	Yes No No 3 5 0 3
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 No No 3 5 0 3
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 hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse	Yes No No 3 5 0 3
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 conditional short-circuit current / with line-side fuse protection	Yes No No 3 5 0 3 4 8 mm
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 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 No No 3 5 0 3 4 8 mm
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 No No 3 5 0 3 4 8 mm
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 No No 3 5 0 3 4 8 mm 50 kA 3.5 kA
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 • at 690 V / for combination switch + gG fuse / maximum	Yes No No 3 5 0 3 4 8 mm 50 kA 3.5 kA 3.5 kA
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 / 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 No No 3 5 0 3 4 8 mm 50 kA 3.5 kA 3.5 kA 4 kA

I2t value / with closed switch / 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	8		
• minimum	14		
type of connectable conductor cross-sections / for copper conductor			
• solid	1x (1,516mm²)		
 finely stranded / with core end processing 	1x (1,510mm²)		
stranded	1x (1,516mm²)		
type of connectable conductor cross-sections / for			
auxiliary contactssolid	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	83 mm		
width	67 mm		
depth	451.5 mm		
type of device	fixed mounting		
fastening method	Built-in unit fixed-mounted version		
fastening method			
• 4-hole front mounting	No		
 front mounting with central attachment 	Yes		
● rail mounting	Yes		
net weight	409 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>				<u>Miscellaneous</u>			
General Product Approval	Declaration of Confo	rmity	Test Certificates	Marine / Shipping				
EAC	UK CA	CE EG-Konf.	<u>Special Test Certific-</u> <u>ate</u>	Lloyd's Register urs	PRS			
Marine / Shipping	other							
	Environmental Con- firmations	<u>Miscellaneous</u>						
Further information Information- and Do http://www.siemens.c	Further information Information- and Downloadcenter (Catalogs, Brochures,) http://www.siemens.com/lowvoltage/catalogs							

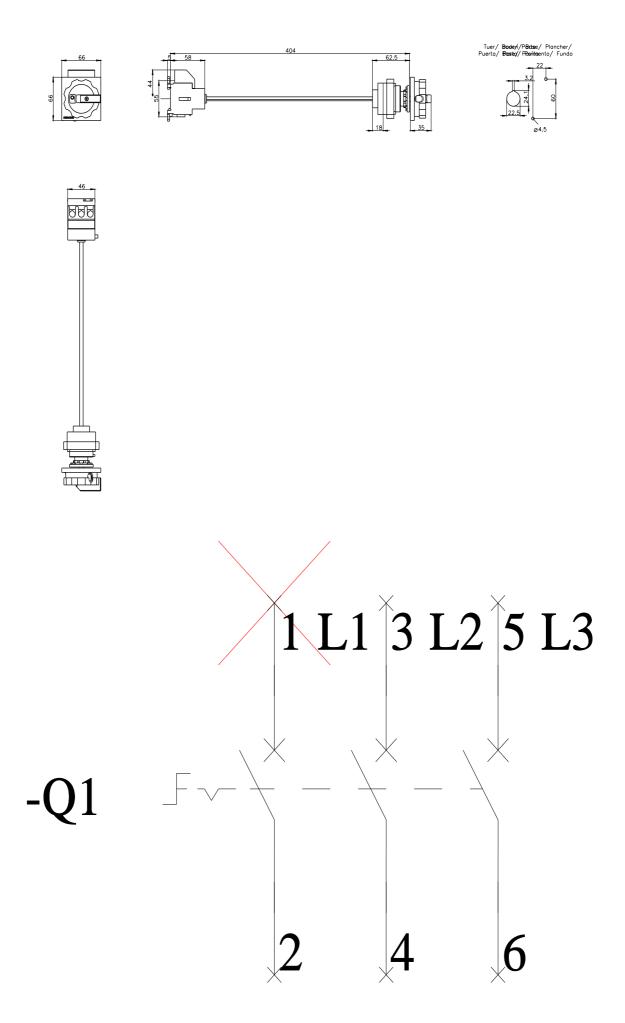
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2144-0TK53

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2144-0TK53

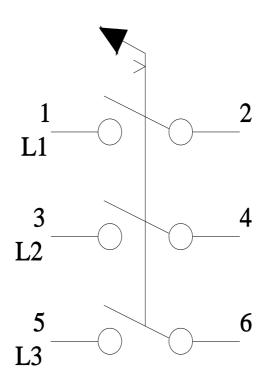
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD2144-0TK53

CAx-Online-Generator http://www.siemens.com/cax Tender specifications

http://www.siemens.com/specifications



-CI



C