SIEMENS

Data sheet 3LD2103-1TL53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 4-pole, lu: 25 A, operating power / at AC-23 A 400 V: 9.5 kW, front-mounted, rotary operating mechanism, Red / yellow, 4-hole mounting of the handle

product brand name product designation design of the product display version / for switch position indicator manual operation type of switch design of the actuating element color / of the actuating element design of the actuating element design of he actuating element red design of he actuating element design of handle type of switch red design of handle type of the driving mechanism / motor drive Roperation flowing mechanism / motor drive Roperate flowing mechanism / motor drive Roperate flowing mechanism / motor drive Roperate flowing desired life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical	Model		
design of the product display version / for switch position indicator manual operation type of switch design of the actuating element color / of the actuating element design of handle red design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive Ceneral technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / t	product brand name	SENTRON	
display version / for switch position indicator manual operation type of switch design of the actuating element color / of the actuating element tred design of handle type of the driving mechanism / motor drive type of the driving mechanism / motor drive No General technical data number of poles size of switch disconnector electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / operating frequency / maximum for poles at AC-23 A / at 690 V operating frequency / maximum for poles insulation voltage / rated value operating voltage resistance / rated value operating frequency / rated value operational class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value	product designation	3LD Switch disconnector	
operation type of switch design of the actuating element color / of the actuating element cell of the actuating element design of handle type of the driving mechanism / motor drive No General technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A f a 690 V operating frequency / maximum for of poles surge voltage resistance / rated value operating voltage • at AC / rated value • minimum • maximum 50 Hz • maximum 50 Hz • maximum 50 Hz 60 Hz Protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current / rated value Operating rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value Operational current	design of the product	EMERGENCY-STOP switch	
design of the actuating element color / of the actuating element red red design of handle type of the driving mechanism / motor drive No General technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / operating frequency / maximum degree of pollution 3 Voltage insulation voltage / rated value operating voltage • at AC / rated value • minimum • maximum 50 Hz • max		1 ON - 0 OFF	
color / of the actuating element design of handle type of the driving mechanism / motor drive No Ceneral technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switch	type of switch	front mounted	
design of handle type of the driving mechanism / motor drive No General technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution Voltage insulation voltage / rated value surge voltage resistance / rated value • at AC / rated value • at AC / rated value operating frequency / rated value • at AC / rated value operating frequency / rated value • by the company of the company of the current / at AC / in hot operating state / per pole Current operation at AC / rated value of the current / at AC / in hot operating state / per pole Current operation at AC / rated value 25 A operational current / rated value 25 A operational current / rated value 25 A	design of the actuating element	Short rotary knob	
type of the driving mechanism / motor drive General technical data	color / of the actuating element	red	
A Size of switch disconnector 2 2 2 2 2 2 2 2 2	design of handle	rotary operating mechanism, red/yellow	
number of poles size of switch disconnector 2 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) • at AC-23 A / at 690 V 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage • at AC / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 600 Hz Protection class protection class IP 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 Current operational current / rated value 25 A operational current / rated value 25 A operational current • at 40 °C / rated value	type of the driving mechanism / motor drive	No	
size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage • at AC / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value • minimum 50 Hz • maximum 60 Hz Protection class IP 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 Current operational current / rated value 25 A operational current / rated value 25 A operational current • at 40 °C / rated value 25 A	General technical data		
mechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum for 1/h degree of pollution 3 Voltage insulation voltage / rated value operating voltage • at AC / rated value operating yoltage • at AC / rated value operating frequency / rated value • minimum • maximum Frotection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value operational current / rated value operational current / rated value 25 A operational current o at 40 °C / rated value 25 A	number of poles	4	
electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution 3 Voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum foo Hz Protection class IP degree of protection NEMA rating protection class IP / on the front 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	size of switch disconnector	2	
at AC-23 A / at 690 V operating frequency / maximum fegree of pollution voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage at AC / rated value operating frequency / rated value ominimum o	mechanical service life (switching cycles) / typical	100 000	
operating frequency / maximum degree of pollution 3 Voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value indigital frequency / rated value operation class IP 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	electrical endurance (switching cycles)		
degree of pollution Voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value ominimum ominimu	• at AC-23 A / at 690 V	6 000	
insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage • at AC / rated value 690 V operating frequency / rated value • minimum 50 Hz • maximum 60 Hz Protection class IP 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 Current operational current / rated value 25 A operational current • at 40 °C / rated value 25 A	operating frequency / maximum	50 1/h	
insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage • at AC / rated value 690 V operating frequency / rated value • minimum 50 Hz • maximum 60 Hz Protection class protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value 25 A operational current • at 40 °C / rated value 25 A	degree of pollution	3	
surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum Frotection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 6 kV 6 kV 6 kV 6 kV 690 V 690 V 690 V 1090 V 690 V 690 V 1090 V 690 V 1090 V 690 V 690 V 1090 Hz 600 Hz 1096 Frotection class IP 1096 Frotection NEMA rating 1196 Frotection NEMA rating	Voltage		
operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum 50 Hz 60 Hz Protection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 690 V 690	insulation voltage / rated value	690 V	
• at AC / rated value operating frequency / rated value • minimum • maximum 60 Hz Protection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value at 40 °C / rated value 25 A operational current • at 40 °C / rated value 25 A	surge voltage resistance / rated value	6 kV	
operating frequency / rated value • minimum • maximum 60 Hz 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 • at 40 °C / rated value 25 A	operating voltage		
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degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current operational current operational current operational current 25 A	Protection class		
protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • at 40 °C / rated value 1.1 W 25 A	protection class IP	IP65	
Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • 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 Current operational current / rated value 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 operational current operational current operational current 25 A 25 A	Dissipation		
operational current / rated value 25 A operational current • 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	

• et 10 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 25 A • at 16 °C / rated value 20 A • perating power • at 16 °C / rated value 50 KW • at 16 °C / rated value 9.5 KW • at 16 °C / rated value 9.5 KW • at 16 °C / rated value 9.5 KW • at 16 °C / rated value 9.5 KW • at 16 °C / rated value 4 KW • at 16 °C / rated value 4 KW • at 16 °C / rated value 7.5 KW • at 16 °C / rated va	at 50 °C / rated value	25 A
### AC / rated value 25 A		25 A
Main current		
According		20 A
at AC-21 / at 690 V / rated value at AC-22 A / at 400 V / rated value at AC-22 A / at 400 V / rated value at AC-22 A / at 400 V / rated value 25 A at AC-23 A / at 400 V / rated value 25 A at AC-23 A / at 400 V / rated value 25 A at AC-23 A / at 400 V / rated value 30 A operating power at AC-23 A / at 400 V / rated value 10 kW at AC-23 A / at 400 V / rated value 10 kW at AC-23 A / at 400 V / rated value 41 AC-23 A / at 400 V / rated value 41 AC-23 A / at 400 V / rated value 41 AC-23 A / at 400 V / rated value 41 AC-23 A / at 400 V / rated value 41 AC-23 A / at 600 V / rated value 41 AC-23 / at 600 V / rated value 41 AC-23 / at 600 V / rated value 41 AC-23 / at 600 V / rated value 42 AC-23 / at 600 V / rated value 43 AC-23 / at 600 V / rated value 44 AC-24 AC-25 / at 600 V / rated value 45 AC-25 / at 600 V / rated value 46 AC-26 / at 600 V / rated value 47 AC-27 / at 600 V / rated value 47 AC-27 / at 600 V / rated value 48 AC-27 / at 600 V / rated value 49 AC-27 / at 600 V / rated value 40 AC-27 / at 600 V / rat		
	•	05.4
at AC-21 A / at 400 V / rated value 25 A 25		
at AC-21 A / alt 440 V / rated value 20 A operating power at AC-23 A / at 240 V / rated value 10 kW at AC-23 A / at 400 V / rated value 9.5 kW at AC-23 A / at 400 V / rated value 9.5 kW at AC-23 A / at 400 V / rated value 9.5 kW at AC-23 A / at 400 V / rated value 10 kW at AC-3 / at 400 V / rated value 8 kW at AC-3 / at 400 V / rated value 8 kW at AC-3 / at 400 V / rated value 7.5 kW Auxiliary circuit 8.5 kW auxiliary circuit 9.5 kW auxiliary c		
e at AC-23 A / at 400 V / rated value operating power at AC-23 N at 1400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-33 A / at 400 V / rated value at AC-31 A / at 240 V / rated value at AC-31 at 400 V / rated value 7.5 kW Auxiliary circuit number of CO contacts / for auxiliary contacts operating voltage / of auxiliary contacts operating voltage / of auxiliary contacts / rated value insulation voltage / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value auxiliary director / Yes autiability v sultability for use auxiliary director / Yes auxiliary		
operating power • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value • at AC-3 / at 260 V / rated value on the rate of NC contacts / for auxiliary contacts onumber of contacts / fo		
at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value bit AC-23 A / at 690 V / rated value at AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / rated value bit AC-23 A / at 690 V / bro combination switch + gG fuse / maximum bit AC-24 A / at 690 V / bro combination switch + gG fuse / maximum bit AC-24 B / bro combination switch + gG fuse / maximum bit AC-24 B / bro combination switch + gG fuse / maximum bit AC-24 B / bro combination switch + gG fuse / maximum bit AC-24 B / bro combination switch + gG fuse / maximum bit AC-24 B / bro combination switch + gG fuse / maximum bit AC-24 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25 B / bro combination switch + gG fuse / maximum bit AC-25		20 A
at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value 10 kW at AC-32 A / at 509 V / rated value 4 kW at AC-3 / at 200 V / rated value 8 kW at AC-3 / at 200 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 NC contacts / for auxiliary contacts 0 perating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary switch / rated value suitability suitability for use emin switch emin switch emin switch emin switch yes emin switch yes emin switch yes emin switch yes emin switch emintenance/repair switch Yes Product deature / can be locked into OFF position emotor drive evolute grigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for a		E MAI
at AC-23 A / at 460 V / rated value at AC-23 A / at 590 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value be at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 7.5 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value solutability suitability for use main switch wswitch Season / Yes safety switch safety switch safety switch safety switch was be locked into OFF position yes product datails product extension / optional momber of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum at 460 V / for combination switch + gG fuse / maximum at 460 V / for combination switch + gG fuse / maximum at 460 V / for combination switch + gG fuse / maximum at 460 V / for combination switch + gG fuse / maximum at 460 V / for combination switch + gG fuse / maximum at 460 V / for combination switch + gG fuse / maximum at 460 V / for combination switch + gG fuse / maximum at 460 V / for combination switch + gG fuse / maximum at 460 V / for combination switch + gG fuse / maximum at 460 V / for combination switch + gG fuse / maxim		
at AC-23 A / at 600 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value be at AC-3 / at 400 V / rated value 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 NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value suitability suitability suitability for use a main switch switch disconnector EMERGENCY OFF switch safety switch a maintenance/repair switch real maintenance/repair switch yes Product feature / can be locked into OFF position recessories product etention / optional mumber of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum at 440 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 at 440 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 at 440 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 at 440 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 at 440 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / maximum		
at AC-3 / at 240 V / rated value at AC-3 / at 690 V / rated value 7.5 kW Auxiliary circuit number of NC contacts / for auxiliary contacts 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 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contact / at AC / maximum continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value **The voltage of the auxiliary switch / rated value **India voltage / of the auxiliary switch / rated value **India voltage / of the auxiliary contact / rated value **India voltage / of the auxiliary contact / yes **India voltage / of the auxiliary switch / yes **India voltage / of t		
at AC-3 / at 400 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 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 auxiliary contacts / at AC / maximum continuous current / of the auxiliary switch / rated value 500 V Sultability suitability for use		
auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contact / rated value 0 number of No contacts / for auxiliary contact / rated value insulation voltage / of twith auxiliary switch / rated value 500 V Suitability suitability for use • main switch • switch disconnector • Yes • switch disconnector • EMERGENCY OFF switch • safety switch • raintenance/repair switch Yes **Product datails** product feature / can be locked into OFF position • voltage frigger product extension / optional • motor drive • voltage frigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO 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 attachable / maximum 1 attachable / maximum		
Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability Suitability Suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • repair switch • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CC contacts / for auxiliary contacts / attachable / maximum number of connectable CC contacts / for auxiliary contacts / attachable / maximum number of connectable CC contacts / for auxiliary contacts / attachable / maximum number of connectable CC contacts / for auxiliary contacts / attachable / maximum number of connectable CC contacts / for auxiliary contacts / attachable / maximum attachable / maximum 1 a hasp thickness / of the bracket locks Short circuit 2 attachable / maximum 2 attachable / maximum 2 attachable / maximum 3 attachable / maximum 2 attachable / maximum 3 attachable / maximum 4 to each of the species o		
number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value switch of the auxiliary switch / rated value e main switch e min switch ves e main switch Fresh voltage / of the auxiliary switch / rated value e main switch e switch disconnector EMERGENCY OFF switch ves e safety switch ves Product details product feature / can be locked into OFF position reduct feature / can be locked into OFF position reduct feature / can be locked into OFF position velocessorios product extension / optional e motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable OC contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum a ta 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination switch + gG fuse / maximum e at 440 V / for combination sw		1.J NVV
number of NC contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use • main switch • waith disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Product details product seture / can be locked into OFF position cocessories product extension / optional • motor drive • voltage trigger • No number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum 3 hasp thickness / of the bracket locks 4 8 mm Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value • at 440 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 690 V / tor combination switch + gG fuse / maximum • at 690 V / tor combination switch + gG fuse / maximum • at 690 V / tor combination switch + gG fuse / maximum • at 690 V / tor 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 permissible 121 value / with closed switch / at 440 V / for combination switch + gG fuse / maximum		0
number of NO contacts / for auxiliary contacts operating vottage / of auxiliary contacts / at Ac / maximum 500 V continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V Sutability suitability for use • main switch Yes • switch disconnector Yes • switch disconnector Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes * omaintenance/repair switch Yes product dotails product feature / can be locked into OFF position Yes **accessories** product extension / optional • motor drive • voltage trigger No number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum 1 anap thickness / of the bracket locks 1 attachable / maximum 1 anap thickness / of the bracket locks 1 attachable / maximum 1 anap thickness / of the bracket locks 1 attachable / maximum 1 anap thickness / of the bracket locks 1 attachable / maximum 1 anap thickness / of the bracket locks 1 attachable / maximum 1 anap thickness / of the order of the bracket locks 1 attachable / maximum 1 anap thickness / of the order of the bracket locks 1 attachable / maximum 1 anap thickness / of the order of the bracket locks 1 attachable / maximum 1 at 440 V / for combination switch + gG fuse / maximum 1 at 440 V / for combination switch + gG fuse / maximum 1 at 440 V / for combination switch + gG fuse / maximum 1 at 440 V / for combination switch + gG fuse / maximum 1 at 440 V / for combination switch + gG fuse / maximum 1 at 440 V / for combination switch + gG fuse / maximum 1 at 440 V / for combination switch + gG fuse / maximum 1 at 440 V / for combination switch + gG fuse / maximum 1 at 440 V / for combination switch + gG fuse / maximum 1 at 440 V / for combination switch + gG fuse / maximum 1 at		
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value Sutability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Product details product details product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum 10		
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Stutability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch • naintenance/repair switch Product details product details product detailre / can be locked into OFF position **Research **Product detailre / can be locked into OFF position **Research **Accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum anasp thickness / of the bracket locks **Short circuit** conditional short-circuit current / with line-side fuse protection • at 690 V / by Gs fuse / rated value let-through current / with closed switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 490 V / for combination switch + gG fuse / maximum • at 490 V / for combination switch + gG fuse / maximum • at 490 V / for combination switch + gG fuse / maximum • at 490 V / for combination switch + gG fuse / maximum • at 490 V / for combination switch + gG fuse / maximum permissible 21 value / with closed switch / at 240 V / for combination 3 kA2.s	-	
insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum sate of both of the bracket locks 4 8 mm Short circuit conditional short-circuit current / with line-side fuse protection • at 890 V / by gG fuse / rated value 1et-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 480 V / for combination switch + gG fuse / maximum • at 480 V / for combination switch + gG fuse / maximum • at 890 V / for combination switch + gG fuse / maximum • at 890 V / for combination switch + gG fuse / maximum • at 890 V / for combination switch + gG fuse / maximum • at 890 V / for combination switch + gG fuse / maximum permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 4 kA2.s		
Suitability suitability for use • main switch • switch disconnector • Semera Sement S		
main switch main switch switch disconnector EMERGENCY OFF switch maintenance/repair 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 connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum shap thickness / of the bracket locks 4 8 mm Short circuit conditional short-circuit current / with line-side fuse protection at 440 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 at 480 V / for combination switch + gG fuse / maximum at 480 V / for combination switch + gG fuse / maximum at 480 V / for combination switch + gG fuse / maximum permissible 22 value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible 22 value / with closed switch / at 240 V / for combination switch + gG fuse / maximum switch + gG fuse / maximum decombination switch + gG fuse / max		300 V
main switch switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Yes maintenance/repair switch Yes roduct details product feature / can be locked into OFF position accessories product extension / optional mother 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 shasp thickness / of the bracket locks 4 8 mm Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value eat 440 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 at 440 V / for combination switch + gG fuse / maximum permissible 12! value / with closed switch / at 440 V / for combination switch + gG fuse / maximum 2! value / with closed switch / at 440 V / for combination switch + gG fuse / maximum 2! value / with closed switch / at 440 V / for combination switch + gG fuse / maximum 2! value / with closed switch / at 440 V / for combination switch + gG fuse / maximum 2! value / with closed switch / at 440 V / for combination switch + gG fuse / maximum 2! value / with closed switch / at 440 V / for combination switch + gG fuse / maximum 2! value / with closed switch / at 440 V / for combination Aka2.s		
Switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / maximum a tag of the bracket locks / maximum bas phickness / of the bracket locks at 690 V / by gG fuse / rated value eat 690 V / br combination switch + gG fuse / maximum at 440 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 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 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 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 at 690 V / for combination switch + gG fuse / maximum at 690 V / for combination swi	-	Voc
EMERGENCY OFF switch and safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum anab phickness / 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 440 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 at 440 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 at 440 V / for combination switch + gG fuse / maximum permissible 2t value / with closed switch / at 240 V / for combination 8th Ag2.s		
* safety switch * maintenance/repair switch Yes Product details product feature / can be locked into OFF position **CCCSSOFTICS** product extension / optional * motor drive * voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum shasp thickness / of the bracket locks **A maximum **a t 690 V / by gG fuse / rated value **a t 690 V / for combination switch + gG fuse / maximum **a t 690 V / for combination switch		
maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum abap thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value et at 690 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / maximum at 690 V / for combina	EMERGENCY OFF SWIICH	res
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 a 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 490 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 • at 690 V / for combination switch + gG fuse / maximum permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 240 V / for combination 4 kA2.s		V
product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum a 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 490 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 • 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 • 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 • 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	•	
product extension / optional	maintenance/repair switch	
product extension / optional	maintenance/repair switch Product details	Yes
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 a 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 permissible l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination	maintenance/repair switch Product details product feature / can be locked into OFF position	Yes
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 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 / at 240 V / for combination switch + gG fuse / maximum bermissible I2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination	maintenance/repair switch Product details product feature / can be locked into OFF position accessories	Yes
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 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 / with closed switch / at 240 V / for combination switch + gG fuse / with closed switch / at 240 V / for combination switch + gG fuse / with closed switch / at 240 V / for combination switch + gG fuse / with closed switch / at 240 V / for combination switch + gG fuse / with closed switch / at 240 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination 4 kA2.s	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes Yes
number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / maximum hasp thickness / of the bracket locks	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive	Yes Yes No
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 440 V / for combination switch + gG fuse / sus fuse / maximum • at 690 V / for combination switch + gG fuse / sus fuse / maximum permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 4 kA2.s	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger	Yes Yes No No
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 permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 4 kA2.s	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 No No
number of bracket locks / maximum hasp thickness / of the bracket locks 4 8 mm 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 permissible I2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination 4 kA2.s	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes Yes No No 2
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 permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 4 kA2.s	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2
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 / decomposed by the closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 4 kA2.s	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2 0
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 permissible 2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 2t value / with closed switch / at 440 V / for combination 4 kA2.s	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2 0 3
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 permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 4 kA2.s	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2 0 3
 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 permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 4 kA2.s 	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 2 0 3
maximum • at 440 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / 4 kA maximum permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 4 kA2.s	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No No 2 2 0 3 4 8 mm
maximum	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No No 2 2 0 3 4 8 mm
maximum permissible I2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum I2t value / with closed switch / at 440 V / for combination 4 kA2.s	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No No 2 2 0 3 4 8 mm
switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 4 kA2.s	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No No 2 2 0 3 4 8 mm 50 kA 3.5 kA
	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No No 2 2 0 3 4 8 mm 50 kA 3.5 kA 3.5 kA
	maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No No 2 2 0 3 4 8 mm 50 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 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 contacts	connection terminals
Mechanical Design	
height	84 mm
width	67 mm
depth	92.5 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	Yes
 front mounting with central attachment 	No
rail mounting	No
net weight	247 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature / during storage	
• minimum	-25 °C
• maximum	55 °C
General Product Approval	



Confirmation







<u>Miscellaneous</u>

General Product Approval

Declaration of Conformity

Test Certificates

Marine / Shipping







Special Test Certificate





Marine / Shipping

other



Miscellaneous

Environmental Confirmations

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=3LD2103-1TL53

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2103-1TL53

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2103-1TL53

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications











