## **SIEMENS**

Data sheet 3LD2154-1TP51



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 25 A, Operating power / at AC-23 A at 400 V: 9.5 kW, front-mounted, 1 NC, 1 NO, rotary operating mechanism, black, Central mounting 22.5 mm 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 he actuating element design of he actuating element black color / of the actuating element design of handle type of switch design of handle type of the driving mechanism / motor drive design of handle type of switch design of handle type of switch disconnector number of poles 3 size of switch disconnector 2 mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / 6000 operating frequency / maximum degree of pollution 3 Voltage surge voltage resistance / rated value operating voltage • at AC - 7 rated value • minimum operating frequency / rated value • minimum • aximum  50 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 • at 40 °C / rated value • at 45 °C / rated value	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 volve of the driving mechanism / motor drive  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 3  Voltage insulation voltage / rated value operating requency / rated value operating frequency / rated value operating requency / rated value operating often of the front operation class IP / on the front 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  5 A operational current at 40 °C / rated value  25 A operational current  at 40 °C / rated value  25 A operational current  at 40 °C / rated value	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  black  design of handle  type of the driving mechanism / motor drive  No  Ceneral technical data  number of poles  size of switch disconnector  electrical endurance (switching cycles) / typical  electrical endurance (switching cycles) / typical  electrical endurance (switching cycles)  • at AC-23 A / at 690 V  operating frequency / maximum  for operating voltage  insulation voltage / rated value  operating frequency / rated value  • minimum  • maximum  for Hz  emaximum  for Hz  for the work of the current / at AC / in hot operating state / per pole  Current  operational current / rated value  25 A	product designation	3LD Switch disconnector
operation type of switch design of the actuating element color / of the actuating element design of handle type of the driving mechanism / motor drive No  General technical data number of poles 3 size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 / at 690 V operating frequency / maximum degree of pollution 3  Voltage insulation voltage / rated value operating voltage • at AC / rated value • minimum • maximum  60 Hz  Protection class protection class IP / on the front Dissipation  power loss [IV] / for rated value of the current / at AC / in hot operating state / per pole  Current • at 40 °C / rated value	design of the product	Main switch
design of the actuating element black color / of the actuating element black design of handle 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 electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / e 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 frequency / rated value 600 Hz  Protection class IP / operation of the front 1P65  degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front 1P65  Dissipation		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 electrical endurance (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution 3  Voltage insulation voltage / rated value operating frequency / rated value • at AC / rated value • minimum • maximum  50 Hz  protection class IP degree of protection NEMA rating protection class IP / on the front  Dissipation  Dissipation  operating state / per pole  Current • at 40 °C / rated value 25 A operational current / rated value  25 A operational current • at 40 °C / rated value  25 A	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 2 mechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum 50 1/h degree of pollution 3  Voltage insulation voltage / rated value surge voltage resistance / rated value • at AC / rated value • at AC / rated value • minimum 50 Hz • maximum 60 Hz  Protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation  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	design of the actuating element	Short rotary knob
type of the driving mechanism / motor drive  General technical data  number of poles 3 size of switch disconnector 2 mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / 6 000 operating frequency / maximum 50 1/h degree of pollution  Voltage insulation voltage / rated value operating vitage resistance / rated value operating frequency / rated value  • at AC / rated value • operating frequency / rated value • minimum • maximum  Protection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation  Dissipation	color / of the actuating element	black
In umber 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  foo 1/h  degree of pollution  Voltage  insulation voltage / rated value  operating voltage  • at AC / 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  • at 40 °C / rated value  • operational current  • at 40 °C / rated value  25 A	design of handle	rotary operating mechanism, black
number of poles  size of switch disconnector  geochanical 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  operating voltage  • at AC / rated value  operating frequency / rated value  • minimum  • maximum  50 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  • at 40 °C / rated value  25 A  operational current / rated value  • at 40 °C / rated value  25 A	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  operating frequency / maximum  foo 1/h degree of pollution  voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage  • at AC / rated value operating frequency / rated value  • minimum  omaximum  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 o at 40 °C / rated value  25 A operational current o 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 50 1/h 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 50 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	number of poles	3
electrical endurance (switching cycles)  • at AC-23 A / at 690 V  operating frequency / maximum  foo 1/h  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  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	size of switch disconnector	2
at AC-23 A / at 690 V operating frequency / maximum degree of pollution  70tage insulation voltage / rated value surge voltage resistance / rated value operating voltage at AC / rated value operating frequency / rated value operating frequency / rated value operating frequency / rated value ominimum ominimu	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 • minimum • maximum  50 Hz • maximum  50 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 • at 40 °C / rated value  25 A	electrical endurance (switching cycles)	
degree of pollution  Voltage  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  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	• 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 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 • at 40 °C / rated value 25 A	operating frequency / maximum	50 1/h
insulation voltage / rated value  surge voltage resistance / rated value  operating voltage  • at AC / rated value  operating frequency / rated value  • minimum  • maximum  50 Hz  • maximum  50 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  6 kV  6 kV  690 V  6 kV  690 V  10 Hz  690 V  10 Hz  10 Hz  10 Hz  10 Hz  10 Hz  11 Hz  11 Hz  12 Hz  12 Hz  13 Hz  14 Hz  15 Hz  16 Hz  16 Hz  17 Hz  18 Hz	degree of pollution	3
surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum  50 Hz • 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 of the value of the current operational current / rated value of the value of the value 25 A  operational current of the value of the value 25 A	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  operational current  • at 40 °C / rated value  25 A	insulation voltage / rated value	690 V
<ul> <li>at AC / rated value</li> <li>operating frequency / rated value</li> <li>minimum</li> <li>maximum</li> <li>fo Hz</li> </ul> Protection class protection class IP <ul> <li>degree of protection NEMA rating</li> <li>protection class IP / on the front</li> <li>IP65</li> </ul> Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current <ul> <li>operational current / rated value</li> <li>at 40 °C / rated value</li> <li>25 A</li> </ul> 25 A 25 A 26 A 26 A	surge voltage resistance / rated value	6 kV
operating frequency / rated value	operating voltage	
	at AC / rated value	690 V
	operating frequency / rated value	
protection class IP  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  other in the state of the current / at AC / in hot operational current / at AC / in hot operational current / rated value  25 A  operational current  other in the state of the current / at AC / in hot operational current / rated value  25 A	• minimum	50 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  operational current  • at 40 °C / rated value  1, 3R, 4X, 12  2, 5A	maximum	60 Hz
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 operational current  • at 40 °C / rated value  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  25 A	protection class IP	IP65
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	<ul> <li>at 40 °C / rated value</li> </ul>	25 A
	• at 45 °C / rated value	25 A

* #15 0' C/ rated value	at 50 °C / rated value	25 A
Act AC / rated value		25 A
Main circuit		
operational current		20 A
earl AC-21 A 1690 V / rated value		
	·	05 A
operating power  at AC-23 A / at 240 V / rated value  at AC-23 A / at 240 V / rated value  at AC-32 A / at 400 V / rated value  at AC-32 A / at 400 V / rated value  at AC-32 A / at 400 V / rated value  at AC-32 A / at 400 V / rated value  at AC-3 (at 240 V / rated value  at AC-3 / at 240 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  at AC-3 / at 400 V / rated value  at AC-3 / at 400 V / rated value  7.5 kW  Auxillary creut  number of CO contacts / for auxillary contacts  number of NO contacts / for auxillary contacts  number of NO contacts / for auxillary contacts  1 continuous current / of the auxillary contact / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary contact / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of the auxillary switch / rated value  insulation voltage / of v		
operating power  at AC-23 A / at 400 V / rated value  at AC-23 A / at 440 V / rated value  at AC-32 A / at 440 V / rated value  at AC-32 A / at 400 V / rated value  at AC-3 / at 500 V / rated value  at Ac-3 / at 500 V / rated value  at AC-3 / at 500 V / rated value  at AC-3 / at 500 V / rated value  at AC-3 / at 500 V / rated value  at AC-3 / at 500 V / rated value  at AC-3 / at 500 V / rated value  at AC-3 / at 500 V / rated value  at AC-3 / at 500 V / rated value  at AC-3 / at 500 V / rated value  at AC-3 / at 500 V / rated value  at AC-3 / at 500 V / rated value  at 500 V / ra		
at AC-23 A / at 404 V / rated value at AC-23 A / at 440 V / rated value 10 kW at AC-23 A / at 440 V / rated value 10 kW at AC-23 A / at 490 V / rated value 4 AC-23 A / at 490 V / rated value 4 AC-23 A / at 490 V / rated value 8 kW 4 AC-23 A / at 690 V / rated value 7.5 kW  Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contact / rated value 1 number of contacts / for auxiliary contact / rated value 2 number of NC contacts / for auxiliary contact / rated value 3 number of contacts / for auxiliary contact / value 3 number of contacts / for auxiliary contacts 4 number of contacts / for auxiliary contacts 5 number of contacts / for auxiliary contacts 6 number of contacts / for auxiliary contacts 7 number of contactable / numbrush / value /		20 A
e at AC-23 A / at 400 V / rated value et AC-23 A / at 690 V / rated value 10 kW et AC-23 A / at 690 V / rated value 10 kW et AC-37 at 400 V / rated value 21 kW et AC-37 at 400 V / rated value 22 kW et AC-37 at 400 V / rated value 23 kW et AC-37 at 400 V / rated value 24 kW et AC-37 at 400 V / rated value 25 kW Auxiliary circuit  Number of CO contacts / for auxiliary contacts 10 number of CO contacts / for auxiliary contacts 11 number of NC contacts / for auxiliary contacts 12 number of NC contacts / for auxiliary contacts 13 operating voltage / of fauxiliary contacts / at AC / maximum 1500 V 1500		E DAM
at AC-23 A / at 440 V / rated value at AC-33 / at 240 V / rated value at AC-33 / at 240 V / rated value be at AC-33 / at 690 V / rated value at AC-33 / at 690 V / rated value At AC-32 / at 690 V / rated value  at AC-33 / at 690 V / rated value  Auxiliary circuit  number of CO contacts / for auxiliary contacts  number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / rated value insulation voltage / of the auxiliary contact / rated value insulation voltage / of the auxiliary contact / rated value suitability  suitability  suitability suitability suitability suitability of use  main switch  maintenance/repair switch  ves  maintenance/repair switch  ves  maintenance/repair switch  ves  maintenance/repair switch  ves  product detaiture / can be locked into OFF position accessories  product extension / optional  mother 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  attachable / maximum  3  hasp thickness of the bracket locks  Short circuit  conditional short-circuit current / with line-side fuse protection  attachable / maximum  attachabl		
e at AC-3 A / at 800 V / rated value e at AC-3 / at 400 V / rated value e at AC-3 / at 400 V / rated value 7.5 kW  Auxiliary drout number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 nortinuous current / of the auxiliary contact / rated value insulation voltage / of auxiliary switch / rated value  Sultability  Sultab		
at AC-3 / at 240 V / rated value at AC-3 / at 960 V / rated value 7.5 kW  Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contact / rated value 200 v  201 v  201 v  202 v  203 v  204 v  205 v  206 v  207 v  208 v  208 v  208 v  208 v  208 v  209 v		
at AC-3 / at 90 V / rated value 7.5 kW  Auxillary circuit  number of CO contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts at AC / maximum 550 V continuous current / of the auxillary switch / rated value 0  Suitability suitability for use		
at AC-3 / at 690 V / rated value  Auxiliary circuit  number of CO contacts / for auxiliary contacts  number of NC contacts / for auxiliary contacts  1 number of NO contacts / for auxiliary contacts  1 number of NO contacts / for auxiliary contacts  1 number of NO contacts / for auxiliary contacts  1 number of NO contacts / for auxiliary contacts  1 number of NO contacts / for auxiliary contact / rated value  2 continuous current / of the auxiliary switch / rated value  3 suitability  3 suitability for use  a main switch  a sefety switch  a sefety switch  a sefety switch  a sefety switch  a maintenance/repair switch  Yes  Product defaults  product defaults  product defaults  product extension / optional  a motor drive  voltage frieger  No  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 NO 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 NO 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  1 a specific value / with contacts / for auxiliary contacts / attachable / maximum  3 a specific value / with contacts / for auxiliary contacts / attachable / maximum  4 to 42 of the bracket locks / Attachable / maximum  4 to 42 of the bracket locks / Attachable / maximum  4 to 42 of the combination switch + gG fuse / maximum  4 to 43 of the bracket / at 440 of / for combination / at 630 of the bracket / at 440 of / for combination / at 630 of the bracket / at 440 of / for combination / at 630 of the bracket / at 440 of / for combination / at		
Auxiliary circuit  number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 nontinuous current / of the auxiliary contact / at AC / maximum continuous current / of the auxiliary contact / at Red value 10 A insulation voltage / of the auxiliary switch / rated value 500 V  Suitability  Froduct dotails  Product dotails  Product dotails  Product dotails  Product dotails  Product details  Product details  Product details  Product details  Product details  Product dotails  Product fixe which of yes  Suitability Aiximum  No  No  No  No  No  No  No  No  No  N		
number of CO contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 500 V suitability suitability suitability for use		7.5 KW
number of NC contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 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  insulation voltage / of the auxiliary switch / rated value  insulation voltage / of the auxiliary switch / rated value  insulation voltage / of the auxiliary switch / rated value  insulation voltage / of the auxiliary switch / rated value  insulation voltage / of the auxiliary switch / rated value  insulation voltage / of the auxiliary switch / rated value  insulation voltage / of the auxiliary switch / rated value  insulation voltage / of the auxiliary switch / rated value  insulation voltage / of the auxiliary switch / rated value  insulation voltage / of the auxiliary switch / rated value  insulation voltage / of the auxiliary switch / rated value  insulation voltage / of the auxiliary switch / of auxiliary contacts / attachable / maximum  number of connectable O contacts / for auxiliary contacts / attachable / maximum  number of connectable O contacts / for auxiliary contacts / attachable / maximum  number of connectable O contacts / for auxiliary contacts / attachable / maximum  number of connectable O contacts / for auxiliary contacts / attachable / maximum  number of connectable O contacts / for auxiliary contacts / attachable / maximum  at a 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 / max		0
number of NO contacts / for auxiliary contacts   1	•	
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value  Suttability suitability suitability suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch • maintenance/repair switch • resident of the auxiliary contacts • maintenance/repair switch • resident of the contacts / resident of the contacts • motor dive • 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 NO contacts / for auxiliary contacts / attachable / maximum  number of pracket locks / for auxiliary contacts / attachable / maximum  number of pracket locks / 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  3 hasp thickness / of the bracket locks  5 kA  short circuit conditional short-circuit current / with line-side fuse protection  attachable / maximum  attachabl		
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value  south of the sauxiliary switch / rated value  • main switch • main switch • switch disconnector • EMERGENCY OFF switch • naintenance/repair switch  • safety switch • safety switch • safety switch • maintenance/repair switch  Product details  product seture / can be locked into OFF position  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 connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  1	-	
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 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 SQ contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  safe 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  10		
Suitability suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • main switch • safety switch • safety switch • main 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 No 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 pracket locks / for auxiliary contacts / attachable / maximum number of pracket locks / maximum number of pracket locks / maximum number of pracket locks / maximum abase 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 240 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 400 V / for combination switch + gG fuse / maximum • at 400 V / for combination switch + gG fuse / maximum • at 400 V / for combination switch + gG fuse / maximum permissible    IZt value / with closed switch / at 240 V / for combination   with closed switch / at 240 V / for combination   with closed switch / at 240 V / for combination   with closed switch / at 240 V / for combination   with closed switch / at 240 V / for combination   with closed switch / at 240 V / for combination   with closed switch / at 240 V / for combination   with closed switch / at 240 V / for combination   with closed switch / at 240 V / for combination		
suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch • resident of teature / can be locked into OFF position  **Recessories**  **product details**  **product feature / can be locked into OFF position  **accessories**  **product extension / optional • motor drive • voltage trigger  **number of connectable NC contacts / for auxiliary contacts / attachable / maximum  **number of connectable NO contacts / for auxiliary contacts / attachable / maximum  **number of connectable CO contacts / for auxiliary contacts / attachable / maximum  **number of connectable CO contacts / for auxiliary contacts / attachable / maximum  **number of connectable CO contacts / for auxiliary contacts / attachable / maximum  **number of bracket locks / maximum  **number of bracket locks / maximum  **number of bracket locks / maximum  **short circuit  **conditional short-circuit current / with line-side fuse protection  **at 490 V / by Gs fuse / rated value  **short circuit  **conditional short-circuit current / with line-side fuse protection  **at 490 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 450 V / for combination switch + gG fuse / maximum  **at 450 V / for combination switch + gG fuse / maximum  **at 450 V / for combination switch + gG fuse / maximum  **at 450 V / for combination switch + gG fuse / maximum  **at 450 V / for combination switch + gG fuse / maximum  **at 450 V / for combination switch + gG fuse / maximum  **at 450 V / for combination switch + gG fuse / maximum  **at 450 V / for combination switch + gG fuse / maximum  **at 450 V / for combination switch + gG fuse / maximum  **at 450 V / for combination switch + gG fuse / maximum  **at 450 V / for combination switch + gG fuse / maximum  **at 450 V / for combination switch + gG fuse / maximum  **at 450 V / for		
main switch switch disconnector EMERGENCY OFF switch anintenance/repair switch  Emaintenance/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 / maximum number of bracket locks / maximum shasp thickness / of the bracket locks  A 8 mm  Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value 1 et-through current / with closed switch at 40 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  12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum		
* switch disconnector     * EMERGENCY OFF switch     * safety switch     * safety switch     * maintenance/repair switch     * Yes  Product details  product feature / can be locked into OFF position  **Recessories**  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 / maximum  number of bracket locks / maximum  number of bracket locks / maximum  a tage of the bracket locks  **A maximum  • at 440 V / by gG fuse / rated value  • at 690 V / by Gf fuse / rated value  • at 240 V / for combination switch + gG fuse / maximum  • at 440 V / for combination switch + gG fuse / maximum  • at 440 V / for combination switch + gG fuse / maximum  • 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	-	Ves
EMERGENCY OFF switch  and safety switch  maintenance/repair switch  Product details  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 / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  a hasp thickness / off the bracket locks  A 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 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  lizt value / with closed switch / at 240 V / for combination  2lt value / with closed switch / at 440 V / for combination  lizt value / with closed switch / at 440 V / for combination  4 kA2.s		
* safety switch     * maintenance/repair switch     Yes  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  shasp thickness / of the bracket locks  Short circuit  conditional short-circuit current / with line-side fuse protection     * at 690 V / by gG fuse / rated value     * at 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 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 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		
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  abap thickness / of the bracket locks  Short circuit  conditional short-circuit current / with line-side fuse protection  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  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		
Product details product feature / can be locked into OFF position  accessories product extension / optional		YES
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 / maximum  alasp 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 690 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	•	
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  3 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  1et-through current / with closed switch • at 240 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 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 extension / optional	maintenance/repair switch  Product details	Yes
motor drive     voltage trigger     No  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  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  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  at Ak2.s	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     nasp 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 ermissible  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  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	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  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  12t value / with closed switch / at 240 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 switch + gG fuse / maximum  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	maintenance/repair switch  Product details  product feature / can be locked into OFF position  accessories  product extension / optional	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  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 / should be a switch / at 440 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 witch + gG fuse / maximum  4 kA2.s	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  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  l2t value / 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     motor drive     voltage trigger	Yes  Yes  No No
/ attachable / maximum  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  l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum  l2t value / with closed switch / at 240 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
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 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  4 kA2.s	maintenance/repair switch  Product details  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  Yes  No No 1
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 / 4 kA  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 1
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  4 kA2.s	maintenance/repair switch  Product details  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  No No 1 1 0
protection	maintenance/repair switch  Product details  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  No No 1 1 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 1 1 0 3
<ul> <li>at 240 V / for combination switch + gG fuse / maximum</li> <li>at 440 V / for combination switch + gG fuse / maximum</li> <li>at 690 V / for combination switch + gG fuse / maximum permissible</li> <li>12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum</li> <li>12t value / with closed switch / at 440 V / for combination</li> <li>12t value / with closed switch / at 440 V / for combination</li> <li>4 kA2.s</li> </ul>	maintenance/repair switch  Product details  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  No No 1 1 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 1 1 0 3 4 8 mm
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 4 kA2.s	maintenance/repair switch  Product details  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  No No 1 1 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 1  1  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 1  1  0  3 4 8 mm
	maintenance/repair switch  Product details  product feature / can be locked into OFF position  accessories  product extension / optional	Yes  No No No 1  1  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 1  1  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	
<ul> <li>for short-circuit protection of the main circuit / required</li> </ul>	fuse gL/gG: 25 A
<ul> <li>for short-circuit protection of the auxiliary switch / required</li> </ul>	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 with stand 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	
<ul><li>maximum</li></ul>	8
• minimum	14
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (1,516mm²)
<ul> <li>finely stranded / with core end processing</li> </ul>	1x (1,510mm²)
<ul><li>stranded</li></ul>	1x (1,516mm²)
type of connectable conductor cross-sections / for auxiliary contacts	
<ul><li>solid</li></ul>	2x (0.75 2.5 mm²), 1x 4 mm²
<ul> <li>finely stranded / with core end processing</li> </ul>	2x (0.75 1.5 mm²), 1x 2.5 mm²
stranded	2x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	
<ul> <li>for main current circuit</li> </ul>	box terminal
<ul> <li>for auxiliary contacts</li> </ul>	connection terminals
Mechanical Design	
height	84 mm
width	67 mm
depth	116.5 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
<ul> <li>4-hole front mounting</li> </ul>	No
<ul> <li>front mounting with central attachment</li> </ul>	Yes
rail mounting	No
net weight	251 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





**Miscellaneous** 

**General Product Approval** 

**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping







Special Test Certificate





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=3LD2154-1TP51

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2154-1TP51

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2154-1TP51

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications











