## **SIEMENS**

Data sheet 3LD2015-0TK53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 3-pole, lu: 16 A, operating power / at AC-23 A 400 V: 7.5 kW, floor mounting with door coupling, rotary operating mechanism, Red / yellow, 4-hole mounting of the handle, without tolerance compensation

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 toolor / of the actuating element design of the actuating element color / of the actuating element red design of handle type of switch red design of handle type of the driving mechanism / motor drive red rotary operating mechanism, red/yellow type of the driving mechanism / motor drive red number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cyc	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  type 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  voltage  insulation voltage / rated value  • maximum  • at AC / rated value  • maximum  • maximum  frequency / rated value  • maximum  • maximum  • maximum  50 Hz  degree of protection class IP  degree of protection class IP / on the front  protection class IP / on the front  power loss [W] / for rated value  operating state / per pole  Current  • at 4 °C / rated value  • for the current / at AC / in hot operating state / per pole  Current  • at 40 °C / rated value  • for AC or rated value of the current / at AC / in hot operating state / per pole  Current  • at 40 °C / rated value  • for AC or 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 type of switch fandle type of the driving mechanism / motor drive to the driving mechanism / motor drive to the driving mechanism, red/yellow to tary yellow to the driving mechanism, red/yellow to tary yellow to the driving mechanism, red/yellow to the driving	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  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 / at 690 V operating frequency / maximum for operating frequency / maximum for operating frequency / rated value operating voltage • at AC / rated value • minimum • maximum  50 Hz • maximum  50 Hz  690 V  protection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation  power loss [IV] / for rated value operating state / per pole  Current operational current / rated value	design of the product	EMERGENCY-STOP switch
design of the actuating element color / of the actuating element red		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 (switching cycles) / • at AC-23 A / at 690 V operating frequency / maximum degree of pollution 3  Voltage insulation voltage / rated value operating voltage resistance / rated value operating frequency / rated value operation class IP  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 / rated value operational current	type of switch	Floor mounting with door coupling
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 • 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  16 A  operational current / rated value  16 A  operational current  16 A  operational current  16 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 1 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 voltage resistance / rated value operating voltage resistance / rated value • at AC / rated value • at AC / rated value • minimum • maximum  Frotection 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  16 A  operational current • at 40 °C / rated value  16 A	color / of the actuating element	red
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 for the degree of pollution  Voltage insulation voltage / rated value operating voltage • at AC / rated value operating voltage • at AC / rated value operating frequency / rated value operating requency / rated value operating requency / rated value operating requency / rated value operating frequency / rated value operation 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 operational current operationa	design of handle	rotary operating mechanism, red/yellow
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 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  • 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  • at 40 °C / rated value  100 000  100 000  6 000  6 000  6 000  6 000  6 800 V  6 8	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  for the degree of pollution  voltage  insulation voltage / rated value  surge voltage resistance / rated value  • at AC / rated value  • at AC / rated value  • minimum  for Hz  • maximum  for 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	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  • at AC / rated value  operating frequency / rated value  • 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  operational current / rated value  • at 40 °C / rated value	number of poles	3
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  16 A  operational current  • at 40 °C / rated value  16 A	size of switch disconnector	1
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 foo 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 operational current / rated value operational current operational curre	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 • at AC / rated value • minimum • maximum • 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  16 A	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 omaximum omaximu	• 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 16 A  operational current • at 40 °C / rated value 16 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 16 A  operational current  • at 40 °C / rated value 16 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	Voltage	
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  16 A  operational current  • at 40 °C / rated value  16 A	insulation voltage / rated value	690 V
at AC / rated value  operating frequency / rated value  ominimum  omaximum  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  foo Hz  IP65  IP65  IP65  O.5 W  O.7 W  O.8 W  O.8 W  O.9 W  O	surge voltage resistance / rated value	6 kV
operating frequency / rated value	operating voltage	
<ul> <li>minimum</li> <li>maximum</li> <li>60 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>operational current</li> <li>at 40 °C / rated value</li> <li>16 A</li> </ul> 16 A 16 A	at AC / rated value	690 V
● maximum  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  16 A	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  at 40 °C / rated value  16 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  16 A	• maximum	60 Hz
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  1, 3R, 4X, 12  1P65  0.5 W  0.5 W  16 A	Protection class	
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 16 A  operational current  • at 40 °C / rated value 16 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  16 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  16 A	protection class IP / on the front	IP65
hot operating state / per pole  Current  operational current / rated value  operational current  • at 40 °C / rated value  16 A	Dissipation	
operational current / rated value 16 A operational current  • at 40 °C / rated value 16 A		0.5 W
operational current  • at 40 °C / rated value 16 A	Current	
• at 40 °C / rated value 16 A	operational current / rated value	16 A
	operational current	
• at 45 °C / rated value 16 A	<ul> <li>at 40 °C / rated value</li> </ul>	16 A
	<ul> <li>at 45 °C / rated value</li> </ul>	16 A

In a Content of the state   In a Content of In a Content of the state   In a Content of In a	at 50 °C / rated value	16 A
### AC / rated value  **Operational current**  **A AC-21 / at 690 V / rated value  **A AC-21 / at 640 V / rated value  **A AC-21 / at 440 V / rated value  **A AC-22 / A 1 at 440 V / rated value  **A AC-23 / at 440 V / rated value  **A AC-23 A / at 400 V / rated value  **A AC-23 A / at 400 V / rated value  **A AC-23 A / at 400 V / rated value  **A AC-23 A / at 400 V / rated value  **A AC-23 A / at 400 V / rated value  **A AC-23 A / at 400 V / rated value  **A AC-3 A / at 400 V / rated value  **A AC-3 A / at 400 V / rated value  **A AC-3 A / at 400 V / rated value  **A AC-3 A / at 400 V / rated value  **A AC-3 A / at 400 V / rated value  **A AC-3 A / at 400 V / rated value  **A AC-3 A / at 690 V / rated val		
Main circuit		
According		IUA
at AC-21 / at 940 V / rated value 15 A		
	•	16 A
at AC-21 A / at 400 V / rated value		
at AC-21 A / 3t 440 V / rated value 16 A   operating power   at AC-23 A / at 240 V / rated value   4 kW   5 at AC-23 A / at 240 V / rated value   8 kW   5 at AC-23 A / at 40 V / rated value   7.5 kW   6 at AC-23 A / at 40 V / rated value   8 kW   6 at AC-23 A / at 40 V / rated value   8 kW   6 at AC-33 A / at 40 V / rated value   8 kW   6 at AC-31 at 240 V / rated value   8 kW   7.5 kW   8 at AC-31 at 240 V / rated value   8 kW   8 at AC-31 at 240 V / rated value   8 kW   8 at AC-31 at 240 V / rated value   9 at AC-31 at 240 V /		
e at AC-23 A / at 400 V / rated value  operating power  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-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-31 at 240 V rated value  at AC-31 at 240 V rated value  at AC-31 at 240 V rated value  bit AC-31 at 500 V rated value  at AC-31 at 500 V rated value  at AC-31 at 500 V rated value  bit AC-31 at 500 V rated value  contacts for auxiliary contacts  number of CO contacts for auxiliary contacts  number of NC contacts if for auxiliary contacts  operating voltage for auxiliary contact if at AC if maximum  continuous current for the auxiliary contact if at AC if active value  insulation voltage for the auxiliary switch if rated value  insulation voltage for the auxiliary switch if rated value  auxiliary directive value  **EMERGENCY OFF switch  **eswitch disconnector**  **EMERGENCY OFF switch  **eswitch disconnector**  **EMERGENCY OFF switch  **esset by switch  **emaintenance/repair switch  **yes  **Product details**  special product feature  product teature / can be locked into OFF position  **yes  **Product details**  special product feature  product feature / can be locked into OFF position  **yes  **Product details**  special product feature  product feature / can be locked into OFF position  **yes  **Product details**  special product feature  product feature / can be locked into OFF position  **yes  **Product details**  special product feature / can be locked into OFF position  **yes  **Product details**  special product feature / can be locked into OFF position  ***Product details**  special product feature / can be locked into OFF position  ***Product details**  special product feature / can be locked into OFF position  ***Product details**  special product feature / can be locked into OFF position  ***Product detai		
operating power  at AC-23 A / at 400 V / rated value  at AC-23 A / at 440 V / rated value  at AC-23 A / at 440 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 260 V / rated value  at AC-3 / at 260 V / rated value  at AC-3 / at 260 V / rated value  bit AC-3 / at 260 V / rated value  at AC-3 / at 260 V / rated value  at AC-3 / at 260 V / rated value  bit AC-3 / at 260 V / rated value  at AC-3 / at 260 V / rated value  bit AC-3 / at 260 V / rated value  bit AC-3 / at 260 V / rated value  bit AC-3 / at 260 V / rated value  confinuous corrent / of the auxiliary contacts  ounder of NO contacts / for auxiliary switch / rated value  solve a main switch  confinuous current / of the auxiliary switch / rated value  solve a main switch  yes  emain switch  switch disconnector  emain switch  suitability  suitabili		
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-32 A / at 440 V / rated value at AC-32 A / at 600 V / rated value at AC-32 A / at 600 V / rated value at AC-31 at 240 V / rated value but AC-32 A / at 600 V / rated value at AC-31 at 600 V / rated value but AC-32 A / rated value but AC-32 A / at 600 V / rated value but AC-32 A / at 600 V / rated value		10 A
at AC-23 A / at 400 V / rated value at AC-23 A / at 4690 V / rated value at AC-23 A / at 4690 V / rated value at AC-37 at 2690 V / rated value at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 2690 V / rated value be at AC-37 at 37 at 2690 V / rated value be at AC-37 at 37		4 134/
at AC-23 A / at 460 V / rated value at AC-33 / at 240 V / rated value at AC-33 / at 240 V / rated value at AC-3 / at 240 V / rated value b		
at AC-37 at 2600 V / rated value at AC-3 / at 2600 V / rated value at AC-3 / at 2400 V / rated value b		
at AC-3 / at 240 V / rated value at AC-3 / at 690 V / rated value 5 / 8 kW  at AC-3 / at 690 V / rated value 5 / 8 kW  Auxilary circuit  number of CO contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 number of NC contacts / for auxillary contact / rated value 0 insulation voltage / of the auxillary contacts / rated value 0 insulation voltage / of the auxillary contact / rated value 0 insulation voltage / of the auxillary contact / rated value 0 insulation voltage / of the auxillary contact / rated value 0 insulation voltage / of the auxillary contact / rated value 0 insulation voltage / of the auxillary contact / rated value 0 insulation voltage / of the auxillary contact / research value 0 insulation voltage / of the auxillary contact / research value 0 insulation voltage / of the auxillary contact / research value 0 insulation voltage / of the auxillary contact / research value 0 insulation voltage / of the auxillary contact / research value 0 insulation voltage / of the auxillary contact / research value 0 insulation voltage / of the auxillary contact / research value 0 insulation voltage / of the auxillary contact / research value 0 insulation voltage / of walling value / voltage / research value / voltage / voltag		
at AC-3 / at 400 V / rated value at AC-3 / at 500 V / rated value  5.5 kW  Auxillary 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 switch / rated value insulation voltage / of the auxiliary switch / rated value  Sou V  Sultability  suitability for use  main switch  switch disconnector  **EMERGENCY OFF switch  **safety switch  **safety switch  **safety switch  **safety switch  **pes  **maintenance/repair switch  **Product details  special product feature  product feature / can be locked into OFF position  **cessories  **product extension / optional  **motor drive  **notor 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  at 80 V / by gG fuse / rated value  stell-triving current / with closed switch  at 4.0 V / for combination switch + gG fuse / maximum permissible  12 Value / with closed switch / at 240 V / for combination  switch + gG fuse / maximum  at 690 V / for combination switch + gG fuse / maximum permissible  12 Value / with closed switch / at 240 V / for combination  switch + gG fuse / maximum  at 690 V / for combination switch + gG fuse / maximum permissible  12 Value / with closed switch / at 240 V / for combination		
* at AC-3 / at 690 V / rated value  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 NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contact / rated value continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value suitability  suitability  suitability for use  * main switch * switch disconnector * Yes * safety switch * safety switch * safety switch * raintenance/repair switch * Yes * safety switch * raintenance/repair switch * Yes * special product feature product feature / can be locked into OFF position * yes * rounder 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  attachable / ma		
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 switch / rated value insulation voltage / of the auxiliary switch / rated value suitability  Suitability  Suitability  Suitability  Suitability  Suitability  Suitability  Yes  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch • safety switch • maintenance/repair switch  Yes  Product details  special product feature product feature / can be locked into OFF position yes  sccessories  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 protection • at 690 V / by gG fuse / rated value  12t value / with closed switch / at 240 V / for combination witch + 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 /		
number of CO 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 contact / rated value  solv suitability suitability suitability suitability suitability suitability suitability suitability or se e main switch		5.5 KVV
number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / rated value continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value  500 V  Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch  Product details special product feature product feature / can be locked into OFF position • notor drive • woltage 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 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  a tall of the product feature / with line-side fuse protection  • at 690 V / by g 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  2.5 kA2.s		
number of NO contacts / for auxiliary contacts   0   operating voltage / of auxiliary contacts / at AC / maximum   continuous current / of the auxiliary contacts / at AC / maximum   continuous current / of the auxiliary contacts / at AC / maximum   insulation voltage / of the auxiliary switch / rated value   Sultability  Sultability for use  • main switch • switch disconnector   • EMERGENCY OFF switch   • safety switch   • safety switch   Product details  special product feature   product feature / can be locked into OFF position   • notor drive   • voltage trigger   number of connectable NC contacts / for auxiliary contacts / attachable / maximum   number of connectable NO contacts / for auxiliary contacts / attachable / maximum   number of connectable NO contacts / for auxiliary contacts / attachable / maximum   number of connectable 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 bracket lock / maximum   number of bracket lock / maximum   number of connectable NO contacts / for auxiliary contacts / attachable / maximum   number of bracket lock / for conbination switch + gG fuse / maximum   a t 690 V / by g Guse / rated value   bet-through current / with closed switch   a t 240 V / for combination switch + gG fuse / maximum   a t 690 V / for combination switch + gG fuse / maximum   a t 690 V / for combination switch + gG fuse / maximum   a t 690 V / for combination switch + gG fuse / maximum   a t 690 V / for combination switch + gG fuse / maximum   a t 690 V / for combination switch + gG fuse / maximum   a t 690 V / for combination switch + gG fuse / maximum   a t 690 V /		
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 or use  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • product details special product feature product feature / can be locked into OFF position  accessories  product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable 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 tracket locks / maximum number of tracket locks / maximum a hasp thickness / of the bracket locks / maximum a tat 40 V / by g fuse / rated value let-through current / with losed switch • at 240 V / for combination switch + gG fuse / maximum a tat 40 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 permissible	<u> </u>	
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value  500 V  Suitability suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch  Product dotalls special product feature product feature / can be locked into OFF position accessories  product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum  number of connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  alsa pt hickness / 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 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 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		
insulation voltage / of the auxiliary switch / rated value  Suitability  suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch  Product details special product feature product feature / can be locked into OFF position  **res  **res  **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 / statchable / maximum  number of connectable NC contacts / for auxiliary contacts / statchable / maximum  number of connectable NC contacts / for auxiliary contacts / statchable / maximum  number of connectable NC contacts / for auxiliary contacts / statchable / maximum  number of proceed locks / maximum  at 800 V / by gG fuse / rated value    elet-through current / with line-side fuse protection  • at 690 V / by G fuse / rated value    elet-through current / vith closed switch  • at 240 V / for combination switch + gG fuse / maximum  • at 440 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 690 V / for combination switch + gG fuse / maximum  • at 690 V / for combination switch + gG fuse / maximum pernissible    22 t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum pernissible    22 t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum pernissible		
Suitability  suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • res • safety switch • maintenance/repair switch • res  Product details  special product feature  product feature / can be locked into OFF position  **Res  **Toda to the standard of the standa	continuous current / of the auxiliary contact / rated value	10 A
main switch	insulation voltage / of the auxiliary switch / rated value	500 V
main switch     switch disconnector     EMERGENCY OFF switch     safety switch     safety switch     safety switch     res     maintenance/repair switch  Product details special product feature product reature / 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 the bracket locks / for auxiliary contacts / attachable / maximum number of the bracket locks / maximum number of bracket locks / 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 4890 V/ by gG fuse / rated value     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 permissible    2.5 kA2.s	Suitability	
Switch disconnector  EMERGENCY OFF switch  safety switch  maintenance/repair switch  Yes  Product details  special product feature  product feature / can be locked into OFF position  Yes  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 bracket locks / for auxiliary contacts / attachable / maximum  number of bracket locks / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of to pracket locks / for auxiliary contacts / attachable / maximum  number of to contactable CO contacts / for auxiliary contacts / attachable / maximum  number of to pracket locks / maximum  attachable / maximum  5	suitability for use	
EMERGENCY OFF switch Safety switch Safety switch Safety switch Special product details Special product feature Product details Special product feature / can be locked into OFF position  Accessories  Product extension / optional Special product extension / optional prod	main switch	Yes
* safety switch     * maintenance/repair switch     Yes  Product details  special product feature  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 CO 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  shasp thickness / of the bracket locks  **Auximum**  **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 460 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    Et value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible   Et value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible   Et value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible   Et value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible   Et value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible   Et value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible   Et value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible   2.5 kA2.s	<ul> <li>switch disconnector</li> </ul>	Yes
maintenance/repair switch     Product details  special product feature     product feature / can be locked into OFF position	<ul> <li>EMERGENCY OFF switch</li> </ul>	Yes
product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional  • motor drive  • voltage trigger  number of connectable NC contacts / for auxiliary contacts / 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  • 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	<ul><li>safety switch</li></ul>	Yes
special product feature   Without tolerance compensation   product feature / can be locked into OFF position    **Recessories**  product extension / optional	<ul> <li>maintenance/repair switch</li> </ul>	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  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  let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum • 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  2.5 kA2.s	Product details	
product extension / optional  • motor drive  • voltage trigger  number of connectable NC contacts / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  number of bracket locks / maximum  sa 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 permissible  l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible	special product feature	Without tolerance compensation
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 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 permissible  12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum	product feature / can be locked into OFF position	Yes
<ul> <li>motor drive</li> <li>voltage trigger</li> <li>No</li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts / attachable / maximum</li> <li>number of bracket locks / maximum</li> <li>number of bracket locks / maximum</li> <li>number of bracket locks / maximum</li> <li>shasp thickness / of the bracket locks</li> <li>4 8 mm</li> </ul> Short circuit <ul> <li>conditional short-circuit current / with line-side fuse protection</li> <li>at 690 V / by gG fuse / rated value</li> <li>et 240 V / for combination switch + gG fuse / maximum</li> <li>at 440 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> </ul> 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 2.5 kA2.s	accessories	
voltage trigger     number of connectable NC contacts / for auxiliary contacts / attachable / maximum  number of connectable NO contacts / for auxiliary contacts / attachable / maximum  number of connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  number of bracket locks / maximum  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 permissible  l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible	product extension / optional	
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  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 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 permissible  l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible  l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible	<ul> <li>motor drive</li> </ul>	No
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 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  let-through current / with closed switch  • at 240 V / for combination switch + gG fuse / maximum  • at 440 V / for combination switch + gG fuse / maximum  • at 690 V / for combination switch + gG fuse / maximum  • at 690 V / for combination switch + gG fuse / maximum  • at 690 V / for combination switch + gG fuse / maximum  • at 690 V / for combination switch + gG fuse / maximum permissible  l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible  l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum	<ul> <li>voltage trigger</li> </ul>	No
number of connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  namber 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  • 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		3
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  2.5 kA2.s		5
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		0
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  2.5 kA2.s	number of bracket locks / maximum	3
conditional short-circuit current / with line-side fuse protection  • at 690 V / by gG fuse / rated value  50 kA  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  2.5 kA2.s	hasp thickness / of the bracket locks	4 8 mm
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  2.5 kA2.s	Short circuit	
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		
<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>2.5 kA2.s</li> </ul>	• at 690 V / by gG fuse / rated value	50 kA
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  2.5 kA2.s	let-through current / with closed switch	
maximum		3 kA
maximum permissible  I2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum  2.5 kA2.s		3 kA
switch + gG fuse / maximum		3 kA
I2t value / with closed switch / at 440 V / for combination 2.5 kA2.s		2.5 kA2.s
	12t value / with closed switch / at 440 V / for combination	2.5 kA2.s

switch + aG fuse / maximum	
switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination	3 kA2.s
switch + gG fuse / maximum	V IV L.J
design of the fuse link	
for short-circuit protection of the main circuit /	fuse gL/gG: 20 A
required  • for short-circuit protection of the auxiliary switch /	fuse gL/gG: 10 A
required operational current / of upstream fuse / rated value	20 A
according UL	2011
operational current / at AC / according to UL 508/UL	16 A
60947-4-1 / rated value	
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	7.5
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	10
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	10
• minimum	18
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (16mm²)
<ul> <li>finely stranded / with core end processing</li> </ul>	1x (14mm²)
• stranded	1x (16mm²)
type of connectable conductor cross-sections / for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
• finely stranded / with core end processing	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm²
• stranded	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
type of electrical connection	
for main current circuit	box terminal
• for auxiliary contacts	connection terminals
Mechanical Design	
height	83 mm
width	67 mm
depth	393.5 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	Yes 277 64 a
net weight	377.61 g
Environmental conditions	
ambient temperature / during operation	25 °C
• minimum	-25 °C
maximum  ambient temperature / during storage	55 °C
ambient temperature / during storage  • minimum	-25 °C
minimum     maximum	-25 °C
General Product Approval	
Ochera i roduct Approval	



## Confirmation







<u>Miscellaneous</u>

General Product Approval

**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping

other







Special Test Certificate



Environmental Confirmations

other

**Miscellaneous** 

## **Further information**

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2015-0TK53

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2015-0TK53

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2015-0TK53

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications











