## **SIEMENS**

Data sheet 3LD3154-0TK53



Load disconnector 3LD3, lu 25 A Main switch 3-pole Rated operating capacity at AC-23 A at 400V 9.0kW Front plate mounting Basic switch with Central hole mounting 22.5mm Toggle drive red / yellow 66x66 mm

product brand name design of the product design of the product display version / for switch position indicator manual operation type of switch design of the actuating element closer / of the actuating element design of the actuating element design of the actuating element design of handle rotary operating mechanism / motor drive  Ceneral technical data number of poles number of poles / note electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles)  • at AC-23 A / 18 690 V operating frequency / maximum degree of pollution  Voltago  Insulation voltage / rated value operating requency / rated value • minimum  • naximum  Frotection class  protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation  Dissipation  Dissipation  • at 40 °C / rated value of the current / at AC / in hot operating state / per pole  Current  • at 40 °C / rated value operational current / rated value  • at 40 °C / rated value operational current / rated value  • at 40 °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  type of the driving mechanism / motor drive  General technical data  number of poles / note  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  degree of pollution  3  Voltage  insulation voltage / rated value  operating vilage  • at AC / rated value  • minimum  • maximum  60 Hz  Protection class IP  degree of protection NEMA rating  protection class IP / on the front  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current  • at 4 ° C / rated value  • operating state / per pole  Current  • at 40 ° C / rated value  • operational current / rated value  • at 40 ° C / rated value  • 25 A	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 front mounted Short rotary knob color / of the actuating element ted design of handle type of the driving mechanism / motor drive No  General technical data number of poles / note mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / 6 000 operating frequency / maximum degree of pollution 3  Voltage insulation voltage / rated value operating voltage at AC / 21 acted value operating frequency / rated value operation class IP protection class IP 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	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 / note number of poles / note electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / et at AC-23 A / at 690 V operating frequency / maximum degree of pollution  Voltage insulation voltage / rated value operating voltage at AC / 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	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 No  Ceneral technical data number of poles	type of switch	front mounted
design of handle type of the driving mechanism / motor drive  No  General technical data number of poles number of poles / note mechanical service life (switching cycles) / typical / electrical endurance (switching cycles) et at AC-23 A / at 690 V	design of the actuating element	Short rotary knob
type of the driving mechanism / motor drive  General technical data  number of poles  anumber of poles  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  operating voltage resistance / rated value  operating frequency / rated value  at AC / rated value  operating frequency / rated value  animimum  operating frequency / rated value  minimum  operating frequency / rated value  minimum  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	color / of the actuating element	red
number of poles number of poles / note mechanical service life (switching cycles) / typical	design of handle	rotary operating mechanism, red/yellow
number of poles 3 number of poles / note 3 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) • at AC-23 A / at 690 V 6 000 operating frequency / maximum 50 1/h degree of pollution 3  Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage • at AC / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V  operating voltage • at AC / rated value 690 V  operating frequency / rated value  • minimum 50 Hz  • maximum 60 Hz  Protection class IP degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current operational current / rated value 25 A operational current / rated value 25 A operational current • at 40 °C / rated value	type of the driving mechanism / motor drive	No
number of poles / note  mechanical service life (switching cycles) / typical electrical endurance (switching cycles)  • at AC-23 A / at 690 V 6 000 operating frequency / maximum 50 1/h degree of pollution 3  Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage  • at AC / rated value 690 V operating frequency / rated value 690 V  operating frequency / rated value 690 V  operating frequency / rated value  • minimum 50 Hz  • maximum 60 Hz  Protection class IP degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current operational current / rated value 25 A operational current • 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  degree of pollution  3  Voltage  insulation voltage / rated value  operating voltage resistance / 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 operational current / rated value operational current / rated value of at 40 °C / rated value operational current  • at 40 °C / rated value of the current / at AC / in 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  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  operational current / rated value  25 A  operational current  • at 40 °C / rated value  25 A	number of poles / note	3
at AC-23 A / at 690 V operating frequency / maximum degree of pollution  7	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 • 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  50 Hz 690 V  690	electrical endurance (switching cycles)	
degree of pollution  Voltage  insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value ominimum ominimu	• at AC-23 A / at 690 V	6 000
insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage • at AC / rated value 690 V operating frequency / rated value • minimum 50 Hz • maximum 60 Hz  Protection class protection class IP degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65  Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current operational current / rated value 25 A operational current • at 40 °C / rated value 25 A	operating frequency / maximum	50 1/h
insulation voltage / rated value 690 V  surge voltage resistance / rated value 6 kV  operating voltage  • at AC / rated value 690 V  operating frequency / rated value  • minimum 50 Hz  • maximum 60 Hz  Protection class  protection class IP IP65  degree of protection NEMA rating 1, 3R, 4X, 12  protection class IP / on the front IP65  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current  operational current / rated value 25 A  operational current  • at 40 °C / rated value 25 A	degree of pollution	3
surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum  Frotection class  protection class IP degree of protection NEMA rating protection class IP / on the front  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current operational current / rated value • at 40 °C / rated value  6 kV  6 kV  6 kV  6 kV  690 V  690 V  690 V  690 V  690 V  1090 V  690 V  690 V  1090 V  690 V  69	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  • at 40 °C / rated value  690 V  690	insulation voltage / rated value	690 V
■ at AC / rated value     Operating frequency / rated value     ● minimum     ● maximum     On 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  operational current     ● at 40 °C / rated value  25 A	surge voltage resistance / rated value	6 kV
operating frequency / rated value  • minimum  • maximum  60 Hz  Protection class  protection class IP  degree of protection NEMA rating  protection class IP / on the front  IP65  Dissipation  power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  Current  operational current / rated value  • at 40 °C / rated value  25 A	operating voltage	
<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>at 40 °C / rated value</li> <li>25 A</li> </ul> 25 A 25 A 26 A 26 A 27 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  60 Hz  IP65  1, 3R, 4X, 12  IP65  1.1 W  1.1 W  25 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  1P65  1, 3R, 4X, 12  25 A  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  IP65  1.1 W  1.1 W  25 A	• maximum	60 Hz
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  1, 3R, 4X, 12 1P65  1.1 W  1.1 W  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  • at 40 °C / rated value  1.1 W  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  • at 40 °C / rated value  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

a at EO °C / rated value	QE A
• at 50 °C / rated value	25 A
• at 55 °C / rated value	25 A
at AC / rated value	25 A
Main circuit	
operational current	
<ul><li>at AC-21 / at 690 V / rated value</li></ul>	25 A
<ul><li>at AC-21 A / at 240 V / rated value</li></ul>	25 A
<ul><li>at AC-21 A / at 400 V / rated value</li></ul>	25 A
<ul><li>at AC-21 A / at 440 V / rated value</li></ul>	25 A
at AC-23 A / at 400 V / rated value	20 A
operating power	
<ul><li>at AC-23 A / at 240 V / rated value</li></ul>	4 kW
<ul><li>at AC-23 A / at 400 V / rated value</li></ul>	10 kW
<ul><li>at AC-23 A / at 440 V / rated value</li></ul>	9 kW
<ul><li>at AC-23 A / at 690 V / rated value</li></ul>	9 kW
<ul><li>at AC-3 / at 240 V / rated value</li></ul>	4 kW
<ul><li>at AC-3 / at 400 V / rated value</li></ul>	8 kW
<ul><li>at AC-3 / at 690 V / rated value</li></ul>	7.5 kW
Auxiliary circuit	
number of CO contacts / for auxiliary contacts	0
number of NC contacts / for auxiliary contacts	0
number of NO contacts / for auxiliary contacts	0
operating voltage / of auxiliary contacts / at AC / maximum	500 V
continuous current / of the auxiliary contact / rated value	10 A
insulation voltage / of the auxiliary switch / rated value	500 V
Suitability	
suitability for use	
main switch	Yes
switch disconnector	Yes
■ EMERGENCY OFF switch	YAS
EMERGENCY OFF switch     safety switch	Yes
safety switch	Yes
<ul><li>safety switch</li><li>maintenance/repair switch</li></ul>	
<ul><li>safety switch</li><li>maintenance/repair switch</li><li>Product details</li></ul>	Yes Yes
<ul> <li>safety switch</li> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> </ul>	Yes Yes Can be locked in zero position
safety switch     maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position	Yes Yes
safety switch     maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories	Yes Yes Can be locked in zero position
safety switch     maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional	Yes Yes Can be locked in zero position Yes
safety switch     maintenance/repair switch  Product details  special product feature  product feature / can be locked into OFF position  accessories  product extension / optional     motor drive	Yes Yes Can be locked in zero position Yes No
safety 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	Yes Yes Can be locked in zero position Yes  No No
safety 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	Yes Yes Can be locked in zero position Yes  No No 2
safety 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	Yes Yes Can be locked in zero position Yes  No No
safety 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	Yes Yes Can be locked in zero position Yes  No No 2
safety 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 CO contacts / for auxiliary contacts	Yes Yes  Can be locked in zero position Yes  No No 2
safety 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 CO contacts / for auxiliary contacts / attachable / maximum	Yes Yes  Can be locked in zero position Yes  No No 2 4 0
safety 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 CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum	Yes Yes  Can be locked in zero position Yes  No No 0 3
safety 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 CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  hasp thickness / of the bracket locks	Yes Yes  Can be locked in zero position Yes  No No 0 3
safety 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 CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks  Short circuit conditional short-circuit current / with line-side fuse	Yes Yes  Can be locked in zero position Yes  No No 0 3
safety 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 CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks  Short circuit conditional short-circuit current / with line-side fuse protection	Yes Yes  Can be locked in zero position Yes  No No 2  4  0  3 4 8 mm
safety 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 CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  hasp thickness / of the bracket locks  Short circuit  conditional short-circuit current / with line-side fuse protection  at 440 V / by gG fuse / rated value	Yes Yes  Can be locked in zero position Yes  No No 0 3 4 8 mm
safety 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 CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  hasp thickness / of the bracket locks  Short circuit  conditional short-circuit current / with line-side fuse protection     at 440 V / by gG fuse / rated value     at 690 V / by gG fuse / rated value	Yes Yes  Can be locked in zero position Yes  No No 0 3 4 8 mm
* safety 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 CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  hasp thickness / of the bracket locks  Short circuit  conditional short-circuit current / with line-side fuse protection      * at 440 V / by gG fuse / rated value  e at 690 V / by gG fuse / rated value  let-through current / with closed switch  e at 240 V / for combination switch + gG fuse / maximum  e at 440 V / for combination switch + gG fuse /	Yes Yes  Can be locked in zero position Yes  No No 2  4  0  3 4 8 mm
<ul> <li>safety switch</li> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional</li> <li>motor drive</li> <li>voltage trigger</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>hasp thickness / of the bracket locks</li> <li>Short circuit</li> <li>conditional short-circuit current / with line-side fuse protection</li> <li>at 440 V / by gG fuse / rated value</li> <li>at 690 V / by gG fuse / rated value</li> <li>let-through current / with closed switch</li> <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</li> <li>at 690 V / for combination switch + gG fuse / maximum</li> </ul>	Yes Yes Yes Can be locked in zero position Yes  No No No 2 4 0 3 4 8 mm
safety 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 CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  hasp thickness / of the bracket locks  Short circuit  conditional short-circuit current / with line-side fuse protection     at 440 V / by gG fuse / rated value     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	Yes Yes Yes  Can be locked in zero position Yes  No No No 2 4 0 3 4 8 mm  10 kA 6 kA 3.5 kA 3.5 kA
<ul> <li>safety switch</li> <li>maintenance/repair switch</li> <li>Product details</li> <li>special product feature</li> <li>product feature / can be locked into OFF position</li> <li>accessories</li> <li>product extension / optional</li> <li>motor drive</li> <li>voltage trigger</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>hasp thickness / of the bracket locks</li> <li>Short circuit</li> <li>conditional short-circuit current / with line-side fuse protection</li> <li>at 440 V / by gG fuse / rated value</li> <li>at 690 V / by gG fuse / rated value</li> <li>let-through current / with closed switch</li> <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</li> <li>at 690 V / for combination switch + gG fuse / maximum</li> </ul>	Yes Yes Yes  Can be locked in zero position Yes  No No No 2 4 0 3 4 8 mm  10 kA 6 kA 3.5 kA 3.5 kA

maximum		
at 440 V / for combination switch + gG fuse /	4 kA2.s	
maximum		
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 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	6	
• minimum	14	
type of connectable conductor cross-sections / for copper		
conductor		
• solid	1x (2.5 to 16 mm²)	
<ul> <li>finely stranded / with core end processing</li> </ul>	1x (2.516 mm²)	
• stranded	1x (2.5 to 16 mm²)	
type of connectable conductor cross-sections / for auxiliary contacts  • solid	2x (0.75 2.5 mm²), 1x 4 mm²	
finely stranded / with core end processing	2x (0.75 2.5 mm²), 1x 4 mm²	
stranded     stranded	2x (0.75 2.5 mm²), 1x 4 mm²	
type of electrical connection		
for main current circuit	box terminal	
for auxiliary contacts	Box terminals	
Mechanical Design		
height	60 mm	
width	36 mm	
depth	114 mm	
type of device	fixed mounting	
fastening method	Built-in unit fixed-mounted version	
fastening method	No	
4-hole front mounting     front mounting with control attachment	No Voc	
<ul> <li>front mounting with central attachment</li> <li>rail mounting</li> </ul>	Yes No	
net weight	200 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	Declaration of Conformity	



Confirmation









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=3LD3154-0TK53

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD3154-0TK53

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD3154-0TK53

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications







