## **SIEMENS**

Data sheet 3LD2154-0TK51



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 25 A, Operating power / at AC-23 A at 400 V: 9.5 kW, front-mounted, rotary operating mechanism, black, central mounting 22.5 mm of the handle

product brand name product designation Switch disconnector design of the product display version for switch position indicator manual operation type of switch display version for switch position indicator manual operation to or switch design of the actuating element Short rotary knob color of the actuating element black design of the actuating element black design of the actuating element which individual design of the actuating element black design of handle type of the driving mechanism motor drive No  General technical data number of poles 3 size of switch disconnector 2 mechanical service life (operating cycles) typical electrical endurance (operating cycles) a ta AC-23 A at 690 V operating frequency maximum degree of pollution 3  voltage insulation voltage rated value endirimum en	Model	
design of the product display version for switch position indicator manual operation 1 ON - 0 OFF type of switch design of the actuating element color of the actuating element black design of handle type of the driving mechanism motor drive No General technical data number of poles size of switch disconnector general technical equence (operating cycles) typical electrical endurance (operating cycles)  • at AC-22 A at 590 V  • operating frequency maximum degree of pollution  • at AC-21 hat 400 V rated value	product brand name	SENTRON
display version for switch position indicator manual operation type of switch front mounted design of the actuating element black tool of the actuating element black type of the driving mechanism motor drive No  General technical data number of poles size of switch disconnector mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) • at AC-23 A at 809 V operating frequency maximum for poles surge voltage resistance rated value operating voltage • at AC rated value • minimum • maximum  Frotectrion class IP degree of protection NEMA rating protection class IP on the front Dissipation  Poserating state per pole Main circuit • at AC-21 A at 440 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value	product designation	Switch disconnector
type of switch front mounted design of the actuating element Short rotary knob color of the actuating element black design of handle rotary operating mechanism, black ype of the driving mechanism motor drive No General technical data Number of poles 3 size of switch disconnector 2 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) of at AC-23 A at 690 V 6 000 operating frequency maximum 50 1/h degree of pollution 3 3 voltage Insulation voltage rated value 690 V surge voltage resistance rated value 690 V operating frequency rated value 690 V operating state per potection class IP 65 Dissipation 600 Protection class IP 1965 Observation class IP 1965 Obse	design of the product	Main switch
design of the actuating element black design of the actuating element black design of handle rotary operating mechanism, black bype of the driving mechanism motor drive No  General technical data  number of poles 3 size of switch disconnector 2 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) value electrical endurance (operating cycles)  • at AC-23 A at 690 V operating frequency maximum 50 1/th degree of pollution 3  Voltage insulation voltage rated value 690 V operating voltage resistance rated value 690 V operating frequency rated value 600 Hz  Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP IP65 Dissipation  power loss [W] for rated value of the current at AC in hot operating state per pole  ### AIR or credit ### AIR or credit ### AIR or credit  • at AC-21 A at 400 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A	display version for switch position indicator manual operation	1 ON - 0 OFF
color of the actuating element design of handle rotary operating mechanism, black type of the driving mechanism motor drive No  General technical data  number of poles 3 size of switch disconnector 2 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) version of the driving mechanical service life (operating cycles) version of the driving mechanical service life (operating cycles) version of the driving mechanical service life (operating cycles) version of the driving mechanical service life (operating cycles) version of the driving mechanical service life (operating cycles) version of the driving mechanism, black  Indicate the value of the driving operating described with one of the driving mechanism, black  Indicate the value of the driving operating mechanism, black  Indicate the value of the driving operating mechanism, black  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot operating state per pole  Indicate the value of the current at AC in hot	type of switch	front mounted
design of handle type of the driving mechanism motor drive No  Ceneral technical data number of poles size of switch disconnector mechanical service life (operating cycles) typical electrical endurance (operating cycles) • at AC-23 A at 690 V operating frequency maximum 50 1/h degree of pollution 3  Voltage insulation voltage rated value • at AC-21 A at 240 V rated value  • maximum  Protection class IP on the front Dissipation  power loss [W] for rated value of the current at AC in hot operating state per pole Main circuit  • at AC-21 A at 240 V rated value	design of the actuating element	Short rotary knob
type of the driving mechanism motor drive  General technical data  number of poles  3 size of switch disconnector 2  mechanical service life (operating cycles) typical 100 000  electrical endurance (operating cycles) bypical 50 100 000  operating frequency maximum 50 17h  degree of poliution 3  Voltage  insulation voltage rated value 690 V  surge voltage resistance rated value 6 kV  operating voltage  • at AC rated value 690 V  operating frequency rated value 690 V  porating frequency rated value 690 V  protection class IP  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  Main circuit  operating state per pole  Main circuit  operational current  • at AC-21 A at 400 V rated value 25 A  • at AC-21 A at 400 V rated value 25 A  • at AC-21 A at 400 V rated value 25 A  • at AC-21 A at 440 V vrated value 25 A  • at AC-21 A at 440 V vrated value 25 A	color of the actuating element	black
General technical data  number of poles  size of switch disconnector  mechanical service life (operating cycles) typical electrical endurance (operating cycles)  • at AC-23 A at 690 V  operating frequency maximum  degree of poliution  surge voltage rated value  operating voltage  • at AC rated value  • minimum  • maximum  60 Hz  Protection class  protection class IP on the front  Dissipation  Dissipation  Main circuit  operating state per pole  Main circuit  operation at AC-21 at 690 V rated value  • at AC-21 A at 240 V rated value	design of handle	rotary operating mechanism, black
number of poles  size of switch disconnector  gechanical service life (operating cycles) typical  electrical endurance (operating cycles)  • at AC-23 A at 690 V  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  • minimum  50 Hz  • maximum  60 Hz  Protection class IP  degree of protection NEMA rating  protection class IP on the front  Dissipation  Dissipation  Main circuit  operating voltated value of the current at AC in hot operating tate per pole  Main circuit  operational current  • at AC-21 at 81 90 V rated value  • at AC-21 A at 240 V rated value	type of the driving mechanism motor drive	No
Size of switch disconnector   2	General technical data	
mechanical service life (operating cycles) typical electrical endurance (operating cycles)  ● at AC-23 A at 690 V 6000 operating frequency maximum 50 1/h degree of pollution 3  Voltage  insulation voltage rated value 690 V surge voltage resistance rated value 6kV operating frequency rated value 690 V operating frequency rated value 690 V  operating frequency rated value 690 V  operating frequency rated value 690 V  operating frequency rated value 690 V  operating frequency rated value 690 V  operating frequency rated value 690 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  Main circuit operating state per pole  Main circuit operating state per Ad 400 V rated value 25 A  • at AC-21 A at 240 V rated value 25 A  • at AC-21 A at 440 V rated value 25 A  • at AC-21 A at 440 V rated value 25 A	number of poles	3
electrical endurance (operating cycles)  • at AC-23 A at 690 V  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  • minimum  50 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  Main circuit  operational current  • at AC-21 at 690 V rated value  • at AC-21 A at 240 V rated value  • at AC-21 A at 400 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value	size of switch disconnector	2
at AC-23 A at 690 V 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 690 V  operating frequency rated value 600 Hz  Protection class  protection class IP degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP on the front 1P65  Dissipation  power loss [W] for rated value of the current at AC in hot operating state per pole  Main circuit operational current at AC-21 at 690 V rated value 50 A at AC-21 A at 240 V rated value 25 A at AC-21 A at 400 V rated value 25 A at AC-21 A at 440 V rated value 25 A at AC-21 A at 440 V rated value 25 A	mechanical service life (operating 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  50 Hz • maximum  50 Hz • maximum  Frotection 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  Main circuit  operational current • at AC-21 at 690 V rated value 25 A • at AC-21 A at 400 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value  25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A	electrical endurance (operating cycles)	
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  • minimum  50 Hz  • 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  Main circuit  operational current  • at AC-21 at 690 V rated value  • at AC-21 A at 240 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  25 A  • at AC-21 A at 440 V rated value  25 A  • at AC-21 A at 440 V rated value  25 A  • at AC-21 A at 440 V rated value  25 A	• at AC-23 A at 690 V	6 000
insulation voltage rated value 690 V surge voltage resistance rated value 6 kV operating voltage • at AC rated value 690 V operating frequency rated value • minimum 50 Hz • maximum 60 Hz  Protection class 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  Main circuit operational current • at AC-21 at 240 V rated value 25 A • at AC-21 A at 240 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V 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  Main circuit operational current  • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • 25 A • at AC-21 A at 440 V rated value	degree of pollution	3
surge voltage resistance rated value operating voltage • at AC rated value operating frequency rated value • minimum • maximum • maximum  50 Hz  on the front  IP65  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  Main circuit operational current • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 440 V rated value	Voltage	
operating voltage  • at AC rated value  operating frequency rated value  • minimum  • maximum  50 Hz  60 Hz  Protection class  protection class IP  degree of protection NEMA rating  protection class IP on the front  IP65  Dissipation  power loss [W] for rated value of the current at AC in hot operating state per pole  Main circuit  operational current  • at AC-21 at 690 V rated value  • at AC-21 A at 240 V rated value  • at AC-21 A at 400 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value	insulation voltage rated value	690 V
• at AC rated value     operating frequency rated value     • minimum	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  Main circuit  operational current  • at AC-21 at 690 V rated value  • at AC-21 A at 240 V rated value  • at AC-21 A at 400 V rated value  • at AC-21 A at 400 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value	operating voltage	
minimum     maximum     m	at AC rated value	690 V
maximum     60 Hz  Protection class  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  Main circuit  operational current  • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value	operating frequency rated value	
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  Main circuit operational current  • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A	• minimum	50 Hz
protection class IP  degree of protection NEMA rating  1, 3R, 4X, 12  protection class IP on the front  IP65  Dissipation  power loss [W] for rated value of the current at AC in hot operating state per pole  Main circuit  operational current  • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 25 A • at AC-21 A at 440 V rated value 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  Main circuit  operational current  • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  25 A  • at AC-21 A at 440 V rated value  25 A	Protection class	
protection class IP on the front  Dissipation  power loss [W] for rated value of the current at AC in hot operating state per pole  Main circuit  operational current  • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • 25 A	protection class IP	IP65
Dissipation  power loss [W] for rated value of the current at AC in hot operating state per pole  Main circuit  operational current  • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V 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  Main circuit  operational current  • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value  25 A	protection class IP on the front	IP65
operating state per pole  Main circuit  operational current  • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value	Dissipation	
operational current  • at AC-21 at 690 V rated value  • at AC-21 A at 240 V rated value  • at AC-21 A at 400 V rated value  • at AC-21 A at 440 V rated value  • at AC-21 A at 440 V rated value  25 A		1.1 W
<ul> <li>at AC-21 at 690 V rated value</li> <li>at AC-21 A at 240 V rated value</li> <li>at AC-21 A at 400 V rated value</li> <li>at AC-21 A at 440 V rated value</li> <li>at AC-21 A at 440 V rated value</li> </ul>	Main circuit	
<ul> <li>at AC-21 A at 240 V rated value</li> <li>at AC-21 A at 400 V rated value</li> <li>at AC-21 A at 440 V rated value</li> <li>25 A</li> <li>25 A</li> </ul>	operational current	
<ul> <li>at AC-21 A at 400 V rated value</li> <li>at AC-21 A at 440 V rated value</li> <li>25 A</li> <li>25 A</li> </ul>	• at AC-21 at 690 V rated value	25 A
at AC-21 A at 440 V rated value     25 A	• at AC-21 A at 240 V rated value	25 A
	• at AC-21 A at 400 V rated value	25 A
at AC-23 A at 400 V rated value     20 A	• at AC-21 A at 440 V rated value	25 A
	• at AC-23 A at 400 V rated value	20 A

operating power	
<ul> <li>at AC-23 A at 240 V rated value</li> </ul>	5 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>	9.5 kW
<ul> <li>at AC-23 A at 690 V rated value</li> </ul>	10 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
at AC-3 at 690 V rated value	7.5 kW
Auxiliary circuit	
number of CO contacts for auxiliary contacts	0
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
operating voltage of auxiliary contacts at AC maximum	500 V
continuous current of the auxiliary contact rated value	10 A
insulation voltage of the auxiliary switch rated value	500 V
Suitability	
suitability for use	
main switch	Yes
switch disconnector	Yes
EMERGENCY OFF switch	No
safety switch	Yes
maintenance/repair switch	Yes
Product details	
product feature can be locked into OFF position	Yes
accessories	
product extension optional	
<ul> <li>motor drive</li> </ul>	No
voltage trigger	No
number of connectable NC contacts for auxiliary contacts attachable maximum	2
number of connectable NO contacts for auxiliary contacts attachable maximum	2
number of connectable CO contacts for auxiliary contacts attachable maximum	0
number of bracket locks maximum	3
hasp thickness of the bracket locks	4 8 mm
Short circuit	
conditional short-circuit current with line-side fuse protection	
at 690 V by gG fuse rated value	50 kA
let-through current with closed switch	
<ul> <li>at 240 V for combination switch + gG fuse maximum</li> </ul>	3.5 kA
<ul> <li>at 440 V for combination switch + gG fuse maximum</li> </ul>	3.5 kA
<ul> <li>at 690 V for combination switch + gG fuse maximum permissible</li> </ul>	4 kA
I2t value with closed switch	
• at 240 V for combination switch + gG fuse maximum	4 kA2.s
<ul> <li>at 440 V for combination switch + gG fuse maximum</li> </ul>	4 kA2.s
• at 690 V for combination switch + gG fuse maximum	4 kA2.s
design of the fuse link	
• for short-circuit protection of the main circuit required	fuse gL/gG: 25 A
for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 A
operational current of upstream fuse rated value	25 A
according UL	
operational current at AC according to UL 508/UL 60947-4-1 rated value	25 A
operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value	600 V
active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value	10
active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	15
short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1	5 kA

continuous current of upstream fuse according to UL rated value	50 A
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid	
• maximum	8
• minimum	14
type of connectable conductor cross-sections for copper conductor	
• solid	1x (1,516mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	1x (1,510mm²)
stranded	1x (1,516mm²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	2x (0.75 2.5 mm²), 1x 4 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.75 1.5 mm²), 1x 2.5 mm²
stranded	2x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	
for main current circuit	box terminal
for auxiliary contacts	connection terminals
Mechanical Design	
height	84 mm
width	67 mm
depth	116.5 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
<ul> <li>4-hole front mounting</li> </ul>	No
<ul> <li>front mounting with central attachment</li> </ul>	Yes
rail mounting	No
net weight	197 g
Environmental conditions	
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
General Product Approval	





Confirmation





Miscellaneous

General Product Approval

**Declaration of Conformity** 

Test Certificates

Marine / Shipping

EHC

CE EG-Konf.



Special Test Certificate





Marine / Shipping

othe

Environment



Miscellaneous

Confirmation

Environmental Confirmations

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

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

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2154-0TK51

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2154-0TK51

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

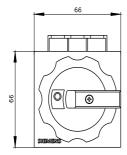
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2154-0TK51

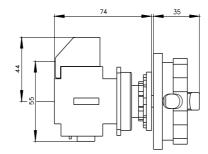
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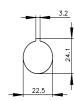
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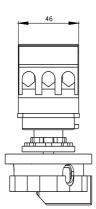
**Tender specifications** 

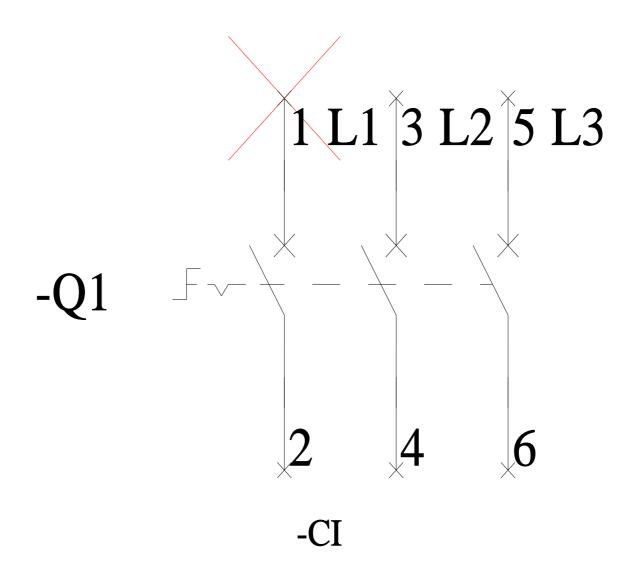
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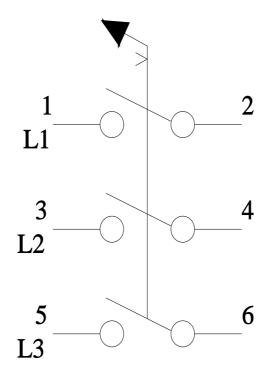












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