# **SIEMENS**

Data sheet 3LD2213-0TK53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 3- pole, lu: 32 A, operating power / at AC-23 A 400 V: 11.5 kW, floor mounting with door coupling, rotary operating mechanism, Red / yellow, 4-hole mounting of the handle

number of poles size of switch disconnector 2 mechanical service life (operating cycles) typical electrical endurance (operating cycles)	Model	
design of the product         EMERGENCY-STOP switch           display version for switch position indicator manual operation         1 ON - 0 OFF           1 bype of switch         Floor mounting with door coupling           design of the actuating element         red           design of handle         rotary operating mechanism, red/yellow           type of the driving mechanism motor drive         No           Concrat technical data           number of poles           size of switch disconnector         2           mechanical service life (operating cycles) typical         100 000           electrical endurance (operating cycles) typical         100 000           electrical endurance (operating cycles) typical         100 000           electrical endurance (operating cycles) typical         100 000           of AC 23 A 6 690 V         6 000           operating frequency maximum         50 1/h           degree of pollution         8           Voltage         690 V           surge voltage resistance rated value         690 V           operating requency rated value         690 V           operating frequency rated value         690 V           operating frequency rated value         10 Hz           operation lass         Protection class IP <td>product brand name</td> <td>SENTRON</td>	product brand name	SENTRON
display version for switch position indicator manual operation type of switch type of switch Eloor mounting with door coupling design of the actuating element color of the actuating element red red red rotary operating mechanism, red/yellow type of the driving mechanism motor drive No  Socroral technical data number of poles size of switch disconnector nechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) • at AC-23 A at 690 V operating frequency maximum degree of pollution  Voltage Insulation voltage rated value • operating rotage rated value • operating frequency rated value • operating frequency rated value • operating frequency rated value • minimum • maximum  50 Hz  degree of protection NEMA rating notection class IP degree of protection NEMA rating protection class IP of the front  Dossipation  prover 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 • 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 • 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 Short rotary knob design of the actuating element Short rotary knob color of the actuating element red design of handle rotary short potential mechanism, red/yellow 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) typical 200 000 electrical endurance (operating cycles) typical 30 000 operating frequency maximum 50 1/h degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 690 V operating frequency rated val	design of the product	EMERGENCY-STOP switch
design of the actuating element red color of the actuating element red design of handle rotary operating mechanism, red/yellow 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) typical 100 000 electrical endurance (operating cycles) to 4 AC-23 A at 680 V 6 000 operating frequency maximum 50 1/h degree of pollution 3  Voltage  at AC-21 A at 240 V ated value 690 V operating voltage resistance rated value 690 V operating voltage resistance rated value 690 V operating voltage operating voltage of the control of the	display version for switch position indicator manual operation	1 ON - 0 OFF
color of the actuating element         red           design of handle         rotary operating mechanism, red/yellow           type of the driving mechanism motor drive         No           Soeneral technical data         Properation of poles           number of poles         3           size of switch disconnector         2           mechanical service life (operating cycles) typical         100 000           electrical endurance (operating cycles)         6 000           operating frequency maximum         50 1/h           degree of pollution         3           Voltage         90 V           insulation voltage rated value         690 V           operating voltage         690 V           operating frequency rated value         690 V           protection class IP         IP65           degree of protection NEMA rating         1, 3R, 4X, 12           protection class IP on the front         IP65           Dissipation         1.8 W           operating state per pole         1.8 W	type of switch	Floor mounting with door coupling
design of handle vipe of the driving mechanism motor drive No  Ceneral technical data  number of poles 3 size of switch disconnector 2 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) value 50 1/h degree of pollution 3  Operating frequency maximum 50 1/h degree of pollution 3  Voltage  insulation voltage rated value 690 V  operating voltage resistance rated value 690 V  operating frequency rated value 690 V  operating frequency rated value 690 V  operating frequency rated value 690 V  operating rotated value 690 V  operating rotated value 690 V  operating frequency rated value 690 V  operation class IP 695  degree of protection new for the front 6965  Dissipation  operating state per pole  which circuit  operational current  o at AC-21 A at 240 V rated value 32 A  ot AC-21 A at 240 V rated value 32 A  ot AC-21 A at 240 V rated value 32 A  ot AC-21 A at 240 V rated value 32 A  ot AC-21 A at 240 V rated value 32 A  ot AC-21 A at 240 V rated value 32 A	design of the actuating element	Short rotary knob
type of the driving mechanism motor drive  Concent technical data  number of poles 3 3 size of switch disconnector 2 mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) • at AC-23 A at 690 V 6 000 operating frequency maximum 50 1/th degree of pollution 3  Voltage insulation voltage rated value 690 V surge voltage resistance rated value 690 V operating frequency 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  power loss [W] for rated value of the current at AC in hot operating state per loe  with a current of the current at AC in hot operating state per loe  with a AC-21 A at 240 V rated value 9 at AC-21 A at 240 V rated value 9 at AC-21 A at 440 V rated value	color of the actuating element	red
number of poles 3 size of switch disconnector 2 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating 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 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 700 Hz  • minimum 50 Hz  • maximum 1965  degree of protection NEMA rating 1,3R, 4X, 12 protection class IP on the front 1965  Dissipation  power loss [V] for rated value of the current at AC in hot operating state per pole  main circuit  operational current 4 AC value 32 A  • at AC-21 A at 400 V rated value 32 A  • at AC-21 A at 400 V rated value 32 A  • at AC-21 A at 400 V rated value 32 A  • at AC-21 A at 400 V rated value 32 A  • at AC-21 A at 400 V rated value 32 A  • at AC-21 A at 400 V rated value 32 A  • at AC-21 A at 400 V rated value 32 A  • at AC-21 A at 400 V rated value 32 A	design of handle	rotary operating mechanism, red/yellow
number of poles size of switch disconnector 2 mechanical service life (operating cycles) typical electrical endurance (operating cycles)	type of the driving mechanism motor drive	No
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 pollution  voltage  insulation voltage rated value  Surge voltage resistance rated value  ● at AC rated value  ● at AC rated value  ● minimum  ● minimum  ● minimum  ● maximum  Protection class IP  degree of protection NEMA rating  provection class IP on the front  Dissipation  Dissipation  wait 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  32 A  • at AC-21 A at 440 V rated value  32 A  • at AC-21 A at 440 V rated value  32 A  • at AC-21 A at 440 V rated value  32 A  • at AC-21 A at 440 V rated value	General technical data	
mechanical service life (operating cycles) typical electrical endurance (operating 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 • at AC rated value • minimum • maximum • maximum • 60 Hz  Protection class IP degree of protection NEMA rating protection class IP for the front protection class IP in the front protection class IV if or rated value of the current at AC in hot operating state per pole  Main circuit  operating state per pole  Main circuit  • 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	number of poles	3
electrical endurance (operating cycles)  • at AC-23 A at 690 V  operating frequency maximum  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  50 Hz  e maximum  60 Hz  Protection class IP  degree of protection NEMA rating  protection class IP IP65  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  • 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 590 V surge voltage resistance rated value 6 kV 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 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  operatingal 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	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  foot 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  Main circuit  • 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	electrical endurance (operating cycles)	
degree of pollution  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 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 [M] for rated value of the current at AC in hot operating state per pole  ### AG-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-23 A at 690 V	6 000
Insulation voltage rated value 690 V  surge voltage resistance rated value 6kV  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  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  ■ 32 A  ● at AC-21 A at 440 V rated value  32 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  • maximum 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 690 V rated value  • 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 • maximum • 60 Hz  Protection class  protection class IP degree of protection NEMA rating protection class IP on the front Dissipation  power loss [W] for rated value of the current at AC in hot operating state per pole  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 • 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	Voltage	
operating voltage  • at AC rated value  operating frequency rated value  • minimum  • maximum  foo Hz  Protection class  protection class IP  degree of protection NEMA rating  protection class IP on the front  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	insulation voltage rated value	690 V
<ul> <li>at AC rated value</li> <li>operating frequency rated value</li> <li>minimum</li> <li>maximum</li> <li>maximum</li> <li>minimum</li> <li>maximum</li> &lt;</ul>	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  operating 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	operating voltage	
<ul> <li>minimum</li> <li>maximum</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 Main circuit <ul> <li>operational current</li> <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> </ul>	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  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	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  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	• minimum	50 Hz
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  • at AC-21 A at 440 V rated value	• 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 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  32 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  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  32 A  • at AC-21 A at 440 V rated value 32 A	protection class IP	IP65
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  32 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  32 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  • 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 32 A  • at AC-21 A at 240 V rated value 32 A  • at AC-21 A at 400 V rated value 32 A  • at AC-21 A at 440 V rated value 32 A		1.8 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>32 A</li> <li>32 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>32 A</li> <li>32 A</li> </ul>	• at AC-21 at 690 V rated value	32 A
• at AC-21 A at 440 V rated value 32 A	• at AC-21 A at 240 V rated value	32 A
	• at AC-21 A at 400 V rated value	32 A
• at AC-23 A at 400 V rated value 22 A	• at AC-21 A at 440 V rated value	32 A
	• at AC-23 A at 400 V rated value	22 A

operating power	auw.
at AC-23 A at 240 V rated value	6 kW
• at AC-23 A at 400 V rated value	12 kW
at AC-23 A at 440 V rated value	11.5 kW
• at AC-23 A at 690 V rated value	12 kW
• at AC-3 at 240 V rated value	5.5 kW
• at AC-3 at 400 V rated value	10 kW
at AC-3 at 690 V rated value	9.5 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 10 A
continuous current of the auxiliary contact rated value	500 V
insulation voltage of the auxiliary switch rated value	300 V
Suitability	
suitability for use  • main switch	Voo
main switch     switch disconnector	Yes Yes
Switch disconnector     EMERGENCY OFF switch	Yes
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
<ul> <li>voltage trigger</li> </ul>	No
number of connectable NC contacts for auxiliary contacts attachable maximum	3
number of connectable NO contacts for auxiliary contacts attachable maximum	5
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>	4.5 kA
• at 440 V for combination switch + gG fuse maximum	4.5 kA
at 690 V for combination switch + gG fuse maximum permissible	5 kA
12t value with closed switch	0 kA2 a
at 240 V for combination switch + gG fuse maximum      At 440 V for combination switch + gG fuse maximum	9 kA2.s
• at 440 V for combination switch + gG fuse maximum	9 kA2.s
at 690 V for combination switch + gG fuse maximum  design of the fuse link	9 kA2.s
for short-circuit protection of the main circuit required	fuse gL/gG: 40 A
for short-circuit protection of the main circuit required     for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 A
operational current of upstream fuse rated value	40 A
according UL	
operational current at AC according to UL 508/UL 60947-4-1 rated value	32 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	20
active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	20
short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1	5 kA

	00 A
continuous current of upstream fuse according to UL rated value	80 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	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
<ul> <li>for auxiliary contacts</li> </ul>	connection terminals
Mechanical Design	
height	83 mm
width	67 mm
depth	451.5 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
<ul> <li>4-hole front mounting</li> </ul>	Yes
<ul> <li>front mounting with central attachment</li> </ul>	No
rail mounting	Yes
net weight	410 g
Environmental conditions	
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
Approvals Certificates	
General Product Approval	

# General Product Approval

Confirmation



(3



Miscellaneous



**Declaration of Conformity** 

Marine / Shipping

other











Miscellaneous

other Environment

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=3LD2213-0TK53

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2213-0TK53

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2213-0TK53

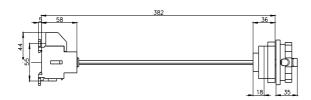
**CAx-Online-Generator** 

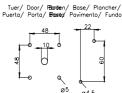
http://www.siemens.com/cax

**Tender specifications** 

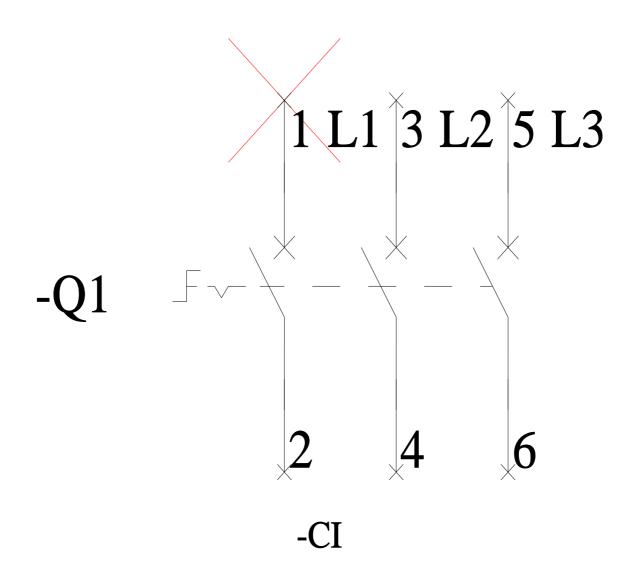
http://www.siemens.com/specifications

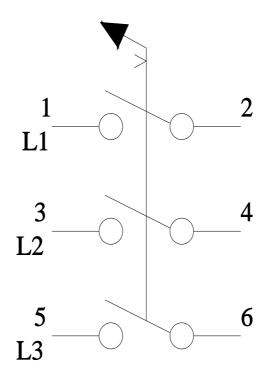












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