SIEMENS

Data sheet 3LD2064-1TC53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 4- pole, 16 A, operating power at AC-23 A at 400 V: 7.5 kW, molded-plastic encapsulation for metric cable gland, rotary operating mechanism, red/yellow

product brand name product designation Switch disconnector EMERGENCY-STOP switch discipation design of the product EMERGENCY-STOP switch discipation for switch position indicator manual operation 1 ON - 0 OFF hype of switch design of the actualing element Short otary knob design of the actualing element red design of the actualing element red design of handle thing mechanism motor drive No Personal Color of the actualing element red design of handle thing mechanism motor drive No Personal Color of the actualing element red design of handle thing mechanism motor drive No Personal Color of the actualing element red design of handle product of the actualing element red design of handle product of the actualing element red design of handle product of the actualing element red design of handle product of the actualing element red design of handle product of the actualing element red design of handle product of the actualing element red design of handle product of the actualing mechanism, redlyellow No Personal mechanism redlyellow No Personal mechanism, redlyellow No Personal mechanism, redlyellow No Personal mechanism re	Model	
product designation Switch disconnector EMERGENCY-STOP switch	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 design of handle type of the driving mechanism motor drive Robert Forest	product designation	Switch disconnector
type of switch design of the actuating element color of the actuating element design of handle type of the driving mechanism motor drive No Canoral technical data number of poles number of poles number of poles number of poles verified disconnector electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) value electrical endurance (operating cycles) at AC-23 A at 690 V operating frequency maximum degree of pollution 3 Voltage insulation voltage rated value operating voltage at AC fated value operating the quency maximum operating voltage at AC fated value operating requency rated value operating frequency rated value operating represence of the current at AC in the operation of less pole operating voltage at AC rated value operating represence of protection NEMA rating protection class IP degree of protection NEMA rating protection class IP on the front IP65 degree of protection NEMA rating protection class IP on the front IP65 Dessipation 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 at 240 V rated value at AC-21 at 420 V rated value at AC-21 At 420 V rated value at AC-21 At 420 V rated value at AC-21 At 4400 V rated value	design of the product	EMERGENCY-STOP switch
design of the actuating element red red classing element red red design of handle rotary operating mechanism, red/yellow type of the driving mechanism motor drive No No Reneral technical data number of poles 4	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 General technical data number of poles 4 number of poles note PE size of switch disconnector 1 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating devoles) typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 operating frequency maximum 50 1/h degree of pollution 3 Voltage e at AC rated value 680 V operating voltage 6 kV operating frequency rated value 60 V e minimum 50 Hz e minimum 60 Hz rotection class IP IP65 degree of protection NEMA rating 1, 4X, 12 protection class IP 1 P65 Dissipation	type of switch	Molded-plastic enclosure for metric threaded joint
design of handle rotary operating mechanism, red/yellow type of the driving mechanism motor drive Concrat technical data number of poles	design of the actuating element	Short rotary knob
type of the driving mechanism motor drive General technical data number of poles A	color of the actuating element	red
General technical data number of poles number of poles note size of switch disconnector 1 mechanical service life (operating cycles) typical 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 0 operating frequency rated value 0 operating frequency rated value 0 operating requency rated value 0 operating frequency rated value 0 operating state per pote front IP65 Dissipation Dissipation O,5 W operating state per pote Main circuit Operational current 0 at AC-21 at 690 V rated value 16 A 16 A 16 A 16 A	design of handle	rotary operating mechanism, red/yellow
number of poles 4 number of poles note PE size of switch disconnector 1 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 insulation voltage rated value 690 V surge voltage resistance rated value 6 kV operating frequency rated value 690 V operating frequency rated value 690 V e maximum 50 Hz e maximum 60 Hz Protection class IP degree of protection NEMA rating 1, 4X, 12 protection class IP on the front IP65 Dissipation 0.5 W operating state per pole 0.5 W Main credit 0.4 AC-21 at 690 V rated value 16 A e at AC-21 A at 240 V rated value 16 A e at AC-21 A at 400 V rated value 16 A	type of the driving mechanism motor drive	No
number of poles note PE size of switch disconnector 1 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) 4 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 voltage of at AC rated value 690 V operating frequency rated value 150 Hz operating state per pote 1965 Dissipation 1, 4X, 12 protection class IP IP65 degree of protection NEMA rating 1, 4X, 12 protection class IP IP65 Dissipation 1, 4X, 12 protection class IP 0, 5 W operating state per pote 1975 Main circuit operational current 1 • at AC-21 at 690 V rated value 16 A • at AC-21 A at 240 V rated value 16 A • at AC-21 A at 240 V rated value 16 A	General technical data	
Size of switch disconnector	number of poles	4
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 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 • maximum 60 Hz Protection class IP degree of protection NEMA rating 1, 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 • at AC-21 at 690 V rated value • 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	number of poles note	PE
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 • at AC rated value • at AC rated value • minimum • maximum 50 Hz • 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 Main circuit • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value 16 A • at AC-21 A at 400 V rated value 16 A	size of switch disconnector	1
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 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 690 V operating frequency rated value 100 Hz Protection class protection class IP degree of protection NEMA rating 1, 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 0 eat AC-21 at 690 V rated value 16 A at AC-21 A at 240 V rated value 16 A at AC-21 A at 400 V rated value 16 A	mechanical service life (operating cycles) typical	100 000
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 • minimum • 60 Hz Protection class protection class IP degree of protection NEMA rating 1, 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 400 V rated value • at AC-21 A at 400 V rated value 16 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 IP65 degree of protection NEMA rating 1, 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 at 420 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 6 kV operating voltage	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, 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	degree of pollution	3
surge voltage resistance rated value operating voltage out at AC rated value operating frequency rated value out minimum out maximum out maximum out maximum foot 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 out at AC-21 at 690 V rated value out at AC-21 A at 240 V rated value out at AC-21 A at 400 V rated value	Voltage	
operating voltage	insulation voltage rated value	690 V
at AC rated value operating frequency rated value minimum omaximum foo Hz Protection class protection class IP degree of protection NEMA rating protection class IP on the front Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole 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	surge voltage resistance rated value	6 kV
operating frequency rated value • minimum • maximum 50 Hz Frotection class protection class IP degree of protection NEMA rating 1, 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 400 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 400 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 400 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 400 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 400 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 400 V rated value • at AC-21 A at 400 V rated value	operating voltage	
 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 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 rated value	690 V
● 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 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 400 V rated value ● at AC-21 A at 400 V rated value ■ 16 A	operating frequency rated value	
Protection class IP degree of protection NEMA rating 1, 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 400 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 400 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 400 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 400 V rated value	• minimum	50 Hz
protection class IP degree of protection NEMA rating 1, 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 400 V rated value 16 A	• maximum	60 Hz
degree of protection NEMA rating protection class IP on the front Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole 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 16 A • at AC-21 A at 400 V rated value 16 A	Protection class	
protection class IP on the front IP65 Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole 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 400 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 400 V rated value • at AC-21 A at 400 V rated value	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 400 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 400 V rated value • at AC-21 A at 400 V rated value	degree of protection NEMA rating	1, 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 16 A • at AC-21 A at 400 V rated value 16 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 16 A • at AC-21 A at 400 V rated value 16 A	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 16 A 16 A		0.5 W
 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 16 A 16 A 	Main circuit	
 at AC-21 A at 240 V rated value at AC-21 A at 400 V rated value 16 A 	operational current	
at AC-21 A at 400 V rated value 16 A	• at AC-21 at 690 V rated value	16 A
	• at AC-21 A at 240 V rated value	16 A
at AC-21 A at 440 V rated value 16 A	• at AC-21 A at 400 V rated value	16 A
	• at AC-21 A at 440 V rated value	16 A

 at AC-23 A at 400 V rated value 	16 A
at AC-23 A at 400 V rated value operating power	10 A
at AC-23 A at 240 V rated value	4 kW
at AC-23 A at 240 V rated value at AC-23 A at 400 V rated value	8 kW
at AC-23 A at 440 V rated value at AC-23 A at 440 V rated value	7.5 kW
at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value	8 kW
at AC-25 A at 690 V rated value at AC-3 at 240 V rated value	3 kW
at AC-3 at 400 V rated value at AC-3 at 400 V rated value	6 kW
at AC-3 at 400 V rated value at AC-3 at 690 V rated value	5.5 kW
Auxiliary circuit	5.5 KW
number of CO contacts for auxiliary contacts	0
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
	500 V
operating voltage of auxiliary contacts at AC maximum continuous current of the auxiliary contact rated value	10 A
insulation voltage of the auxiliary switch rated value	500 V
Suitability	500 V
suitability for use	Voc
main switch putter disconnector	Yes
switch disconnector EMERICENCY OFF quittels	Yes
EMERGENCY OFF switch Seefath switch	Yes
safety switch safety switch	Yes
maintenance/repair switch Product details	Yes
Product details	Vee
product feature can be locked into OFF position	Yes
accessories	
product extension optional	
motor drive	No
voltage trigger	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
hasp thickness of the bracket locks Short circuit	4 8 mm
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection	
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value	4 8 mm 50 kA
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch	50 kA
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum	50 kA 3 kA
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum	50 kA 3 kA 3 kA
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	50 kA 3 kA
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum	50 kA 3 kA 3 kA
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch	50 kA 3 kA 3 kA
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum	50 kA 3 kA 3 kA 3 kA
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum	50 kA 3 kA 3 kA 3 kA
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum	50 kA 3 kA 3 kA 3 kA 2.5 kA2.s
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	50 kA 3 kA 3 kA 3 kA 2.5 kA2.s
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • 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 design of the fuse link	50 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required	50 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 4 kA2.s 5 kA2.s
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value	50 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 2.5 kA2.s 3 kA2.s
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible I2t value 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 design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required	50 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 2.5 kA2.s 3 kA2.s
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • 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 oat 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 508/UL 60947-4-1	50 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s fuse gL/gG: 20 A fuse gL/gG: 10 A 20 A
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value 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 oat 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 508/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL	50 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s fuse gL/gG: 20 A fuse gL/gG: 10 A 20 A
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value 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 design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 508/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 60947-	50 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s fuse gL/gG: 20 A fuse gL/gG: 10 A 20 A
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value 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 design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 508/UL 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	50 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s fuse gL/gG: 20 A fuse gL/gG: 10 A 20 A

AWG number as coded connectable conductor cross section solid maximum minimum type of connectable conductor cross-sections for copper conductor solid finely stranded with core end processing stranded strande	508/UL 60947-4-1	
AWG number as coded connectable conductor cross section sold maximum 10 minimum 18 type of connectable conductor cross-sections for copper conductor sold 1x (16mm²) finely stranded with core end processing 1x (16mm²) stranded vibranded with core end processing 1x (16mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²) stranded 1x (0.75 2.5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2.5mm²)	continuous current of upstream fuse according to UL rated value	50 A
AWG number as coded connectable conductor cross section solid maximum minimum type of connectable conductor cross-sections for copper conductor solid finely stranded with core end processing stranded strande	type of fuse according to UL	RK5
solid • maximum 10 • minimum 18 type of connectable conductor cross-sections for copper conductor ****CI6mm**) • solid 1x (16mm*) • finely stranded with core end processing 1x (14mm*) • type of connectable conductor cross-sections for auxiliary solid to solid ***(0,75 2,5mm*) 1x (16mm*) • solid ***(0,75 2,5mm*) ***(0,75 2,5mm*), 1x 4mm*; front auxiliary switch 1x (0,75 2,5mm*) ***(0,75 2,5mm*) ***(0,75 2,5mm*), 1x 4mm*; front auxiliary switch 1x (0,75 2,5mm*) ***(0,75 2,5mm*) ***(0,75 2,5mm*), 1x 4mm*; front auxiliary switch 1x (0,75 2,5mm*) ***(0,75 2,5mm*) ***(0,75 2,5mm*), 1x 4mm*; front auxiliary switch 1x (0,75 2,5mm*) ***(0,75 2,5mm*) ***(0,75 2,5mm*), 1x 4mm*; front auxiliary switch 1x (0,75 2,5mm*) ***(0,75 2,5mm*) ***(0,75 2,5mm*), 1x 4mm*; front auxiliary switch 1x (0,75 2,5mm*) ***(0,75 2,5mm*) ***(0,75 2,5mm*), 1x 4mm*; front auxiliary switch 1x (0,75 2,5mm*) ***(0,75 2,5mm*) ***(0,75 2,5mm*), 1x 4mm*; front auxiliary switch 1x (0,75 2,5mm*) ***(0,75 2,5mm*) ***(0,75 2,5mm*), 1x 4mm*; front auxiliary switch 1x (0,75 2,5mm*) ***(0,75 2,5mm*) ***(0,75 2,5mm*), 1x 4mm*; front auxiliary switch 1x (0,75 2,5mm*) ***(0,75 2,5mm*) ***(Connections	
type of connectable conductor cross-sections for copper conductor cross-sections for auxiliary contacts conductor cross-sections conductor cross-sections for auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) (1x 2,5mm²), 1x 2,5mm², front auxiliary switch 1x (0,75 2,5mm²) (1x 2,5mm²), 1x 2,5mm², front auxiliary switch 1x (0,75 2,5mm²) (1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) (1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) (1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) (1x		
type of connectable conductor cross-sections for copper conductor solid finely stranded with core end processing stranded type of connectable conductor cross-sections for auxiliany contacts solid finely stranded with core end processing stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm², front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x (• maximum	10
conductor 1x (16mm²) finely stranded with core end processing 1x (16mm²) stranded 1x (16mm²) type of connectable conductor cross-sections for auxiliary contacts cross-sections for auxiliary contacts e solid lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) e finely stranded with core end processing lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) e stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) type of electrical connection connection terminals e for main current circuit box terminal e for auxiliary contacts connection terminals e for auxiliary contacts connection terminals e control to estimate the fine for auxiliary contacts 152 mm width 152 mm width 100 mm type of device fix demonstrating fastening method complete unit in enclosure e A-thole front mounting No e rail mounting No e rail mounting 469 g e rail mounting <	• minimum	18
• finely stranded with core end processing • stranded type of connectable conductor cross-sections for auxiliary contacts • solid • finely stranded with core end processing • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • for auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2,5mm²) • stranded • for auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2,5mm²) • for auxiliary contacts • for auxiliary contacts • connection terminals ###################################		
stranded 1x (1.6mm²) 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) 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 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) stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary swit	• solid	1x (16mm²)
type of connectable conductor cross-sections for auxiliary contacts solid sol	 finely stranded with core end processing 	1x (14mm²)
contacts • solid • solid • finely stranded with core end processing • stranded • stranded • stranded • stranded • for main current circuit • for auxiliary contacts • connection terminals • for main current circuit • for auxiliary contacts • connection terminals • stranded • stranded • for main current circuit • for auxiliary contacts • connection terminals • for deletrical connection • for main current circuit • for auxiliary contacts • connection terminals • stranded • stranded • stranded • stranded • stranded • for main current circuit • for auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²; front auxiliary switch 1x (0,75	• stranded	1x (16mm²)
• finely stranded with core end processing • finely stranded with core end processing • stranded • stranded • stranded • stranded • stranded • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded view of electrical connection • for main current circuit • for auxiliary contacts box terminal • for auxiliary contacts box terminal connection terminals Mochanical Design width 152 mm width 100 mm depth 117 mm type of device fixed mounting fastening method ocmplete unit in enclosure fastening method 4-hole front mounting with central attachment erail mounting with central attachment rail mounting with central attachment ves rail mounting with central attachment width de9 g minimum cys °C maximum maximum cys °C maximum minimum cys °C minimum minimum cys °C minimum minimum cys °C minimum cys °C minimum minimum cys °C minimum minimum cys °C minimum minimum cys °C minimum cys °C minimum minimum cys °C minimum minimu		
• stranded 2,5mm² lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) type of electrical connection • for main current circuit box terminal • for auxiliary contacts connection terminals Mechanical Design width 152 mm width 100 mm depth 117 mm type of device fixed mounting fastening method Complete unit in enclosure 6 stening method No • 4-hole front mounting No • front mounting with central attachment Yes • rail mounting No net weight 469 g Environmental conditions -25 °C ambient temperature during operation -25 °C • maximum -25 °C • minimum -55 °C	• solid	
type of electrical connection	finely stranded with core end processing	
● for main current circuit box terminal ● for auxiliary contacts connection terminals Mechanical Design 152 mm width 100 mm depth 117 mm type of device fixed mounting fastening method Complete unit in enclosure ● 4-hole front mounting No ● front mounting with central attachment Yes ● rail mounting No net weight 469 g Environmental conditions -25 °C ambient temperature during operation -25 °C • maximum -25 °C • minimum -25 °C • maximum 55 °C	• stranded	
of rauxiliary contacts connection terminals Mochanical Design height 152 mm width 100 mm depth 117 mm type of device fixed mounting fastening method Complete unit in enclosure 4-hole front mounting No of front mounting with central attachment Yes or rail mounting No net weight 469 g Environmental conditions ambient temperature during operation -25 °C omaximum -25 °C ambient temperature during storage minimum -25 °C ominimum -55 °C amaximum -55 °C	type of electrical connection	
height 152 mm width 100 mm depth 117 mm type of device fixed mounting fastening method Complete unit in enclosure fastening method Yes front mounting with central attachment Yes rail mounting net weight 469 g Environmental conditions ambient temperature during operation minimum minim	 for main current circuit 	box terminal
height 152 mm width 100 mm depth 117 mm type of device fixed mounting fastening method Complete unit in enclosure fastening method • 4-hole front mounting • front mounting with central attachment Yes • rail mounting No net weight 469 g **Tivironmental conditions** ambient temperature during operation • minimum • minimum • 25 °C ambient temperature during storage • minimum • minimum • 25 °C ambient temperature during storage • minimum • minimum • 25 °C **Tivironmental conditions** **Tivironmental co	 for auxiliary contacts 	connection terminals
width 100 mm depth 117 mm type of device fixed mounting fastening method Complete unit in enclosure fastening method No • 4-hole front mounting Yes • rail mounting with central attachment Yes • rail mounting No net weight 469 g Environmental conditions ambient temperature during operation • minimum • maximum 55 °C ambient temperature during storage • minimum • minimum • 25 °C ambient temperature during storage • minimum • maximum 55 °C	Mechanical Design	
depth117 mmtype of devicefixed mountingfastening methodComplete unit in enclosuree 4-hole front mountingNoe front mounting with central attachmentYese rail mountingNonet weight469 genvironmental conditionsambient temperature during operation-25 °Ce minimum-25 °Ce maximum55 °Cambient temperature during storage-25 °Ce minimum-25 °Ce minimum-55 °C	height	152 mm
fastening method fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Finite method • an inimum • maximum • minimum • maximum • 55 °C • C • maximum • maximum • 55 °C	width	100 mm
fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • maximum • maximum • minimum • -25 °C ambient temperature during storage • minimum • minimum • -25 °C • maximum 55 °C	depth	117 mm
fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • minimum • maximum 55°C ambient temperature during storage • minimum • maximum 55°C	type of device	fixed mounting
4-hole front mounting front mounting with central attachment rail mounting No net weight A69 g Finvironmental conditions ambient temperature during operation minimum maximum S55 °C ambient temperature during storage minimum -25 °C ambient temperature during storage minimum 55 °C	fastening method	Complete unit in enclosure
front mounting with central attachment rail mounting No net weight A69 g Invironmental conditions ambient temperature during operation minimum -25 °C ambient temperature during storage minimum -25 °C ambient temperature during storage minimum -25 °C ambient temperature during storage minimum -25 °C maximum 55 °C	fastening method	
 ● rail mounting No net weight Environmental conditions ambient temperature during operation ● minimum -25 °C ● maximum 55 °C ambient temperature during storage ● minimum -25 °C ambient temperature during storage ● minimum -25 °C ★ maximum 55 °C 	 4-hole front mounting 	No
net weight Environmental conditions ambient temperature during operation • minimum • maximum 55°C ambient temperature during storage • minimum • maximum 55°C	 front mounting with central attachment 	Yes
ambient temperature during operation minimum	rail mounting	No
ambient temperature during operation • minimum • maximum 55 °C ambient temperature during storage • minimum -25 °C ambient temperature during storage • minimum -25 °C • maximum 55 °C	net weight	469 g
 minimum -25 °C maximum 55 °C ambient temperature during storage minimum -25 °C maximum 55 °C 	Environmental conditions	
● maximum 55 °C ambient temperature during storage -25 °C ● minimum -25 °C ● maximum 55 °C	ambient temperature during operation	
ambient temperature during storage • minimum • maximum -25 °C 55 °C	• minimum	-25 °C
 minimum -25 °C maximum 55 °C 	maximum	55 °C
• maximum 55 °C	ambient temperature during storage	
	• minimum	-25 °C
Approvals Certificates	• maximum	55 °C
	Approvals Certificates	

General Product Approval



Confirmation







Miscellaneous

General Product Approval

Declaration of Conformity

Test Certificates

Marine / Shipping

other

EAC





Miscellaneous



Miscellaneous

other

Environment

Confirmation

Environmental Confirmations

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

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=3LD2064-1TC53

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

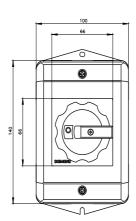
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

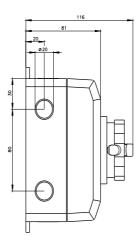
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2064-1TC53

CAx-Online-Generator

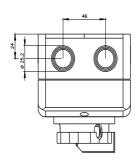
http://www.siemens.com/cax

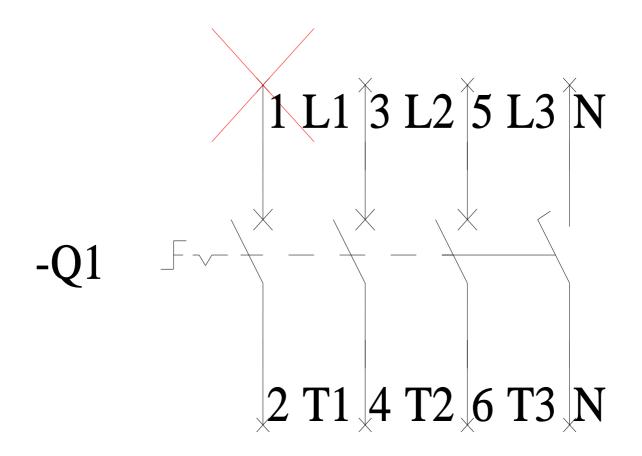
Tender specifications



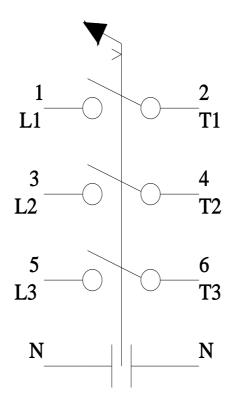








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