SIEMENS

Data sheet

3LD2064-0TB53-0US2



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

number of poles number of poles note N + PE size of switch disconnector 1 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 690 V surge voltage resistance rated value 690 V operating frequency maximum 609 V operating voltage • at AC rated value 690 V operating voltage • at AC rated value 690 V operating frequency rated value 690 V operating rotlage • at AC rated value 690 V operating frequency rated value 690 V operating frequency rated value 9 minimum 60 Hz Protection class IP degree of protection NEMA rating 1, 4X, 12 protection class IP of the current at AC in hot operating state per pole	Model	
design of the product display version for switch position indicator manual operation 1 ON - 0 OFF 1 ON - 0 OF	product brand name	SENTRON
display version for switch position indicator manual operation type of switch Molded-plastic enclosure for inch threaded joint design of the actuating element color of the actuating element red red rotary operating mechanism, red/yellow type of the driving mechanism motor drive No Sonoral tochnical data number of poles number of poles note size of switch disconnector mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-23 A at 990 V operating frequency maximum degree of pollution surge voltage resistance rated value operating requency rated value at AC act data value operating frequency rated value minimum at AC rated value minimum be of ta Created value minimum be of the current at AC in hot operating frequency of the current at AC in hot operating state per pole Will or created value operational current at AC-21 at 690 V rated value at AC-21 at 240 V rated value at AC-21 at 240 V rated value at AC-21 at 420 V rated value	product designation	Switch disconnector
type of switch Molded-plastic enclosure for inch threaded joint design of the actuating element red of the driving mechanism motor drive red of the driving mechanism motor drive rotary operating mechanism, red/yellow type of the driving mechanism motor drive red of the driving mechanism, red/yellow red of the driving mechanism, red/yellow red of the driving mechanism, red/yellow red/yellow red of the driving mechanism, red/yellow red/yellow red/yellow red of the driving mechanism, red/yellow red/yellow red/yellow red of the driving mechanism, red/yellow red/yellow red/yellow red/yellow red/yellow red/yellow red of the driving mechanism, red/yellow red/yel	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 3 number of poles note N+PE size of switch disconnector 1 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 2 electrical endurance (operating cycles) typical 3 electrical endurance (operating cycles) typical 3 electrical endurance (operating cycles) typical 4 electrical endurance (operating cycles) 60 10/h degree of pollution 3 voltage insulation voltage rated value 690 V surge voltage resistance rated value 690 V operating voltage e at AC rated value 690 V operating frequency rated value 690 V operating frequency rated value 690	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 Schonral technical data Immber of poles number of poles note N + PE size of switch disconnector 1 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) yelded 100 000 electrical endurance (operating cycles) yelded 6 000 operating frequency maximum 6 000 degree of pollution 3 Voltage Image: Comparity of the cycles of	type of switch	Molded-plastic enclosure for inch threaded joint
design of handle type of the driving mechanism motor drive No General technical data number of poles 3 number of poles note N+ PE size of switch disconnector 1 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/h degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 690 V operating trequency rated value 690 V operating frequency rated value 690 V operating frequency rated value 690 V operating frequency rated value 690 V operating switch of the foot 60 Hz protection class IP degree of protection NEMA rating 1,4 X, 12 protection class IP on the front 1P65 degree of protection NEMA rating 0,5 W operating step protection less IP on the front 1P65 Dissipation power loss [W] for rated value of the current at AC in hot operating step per pole Main circuit operational current 4 AC 21 A at 240 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 • at AC-21 A at 240 V rated value 16 A	design of the actuating element	Short rotary knob
type of the driving mechanism motor drive No General technical data number of poles 3 number of poles note N + PE size of switch disconnector 1 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 6000 operating frequency maximum 50 1/h degree of pollution 3 Voltage 600 V surge voltage resistance rated value 690 V operating voltage resistance rated value 690 V operating frequency rated value 690 V operating frequency rated value 690 V ominimum 50 Hz of Hz 60 Hz Protection class IP P65 degree of protection NEMA rating 1, 4X, 12 protection class IP on the front IP65 Dissipation 50 SW power loss [W] for rated value of the current at AC in hot operating state per pole 0.5 W power loss [W] for rated value of the current at AC in hot operating state per pole 16 A at AC-21 A at 240 V rated value 16	color of the actuating element	red
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 590 V 6 000 operating frequency maximum 50 1/h degree of pollution 3 Voltage insulation voltage rated value 9 at AC ated value 9 ated ated value of the current ated ated in hot operating state per pole ###################################	design of handle	rotary operating mechanism, red/yellow
number of poles 3 number of poles note N + PE size of switch disconnector 1 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) 6000 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 operating frequency rated value 600 Hz Protection class IP IP65 degree of protection NEMA rating 1, 4X, 12 protection class IP on the front IP65 Dissipation 0.5 W power loss [W] for rated value of the current at AC in hot operating state per pole 0.5 W operational current 4 AC-21 at 690 V rated value 16 A 4 at AC-21 at 690 V rated value 16 A 4 at AC-21 At 240 V rated value 16 A	type of the driving mechanism motor drive	No
number of poles note N + 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 voltage 6 kV operating frequency rated value 690 V e at AC rated value 690 V operating frequency rated value 60 Hz e maximum 50 Hz e maximum 60 Hz Protection class Protection class IP degree of protection NEMA rating 1, 4X, 12 protection class IP on the front IP65 Dower loss [W] for rated value of the current at AC in hot operating state per pole Wain circuit Operational current at AC-21 at 690 V rated value 16 A at AC-21 at 30 V rated value 16 A	General technical data	
Size of switch disconnector 1 100 000	number of poles	3
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 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 100 Hz Protection class IP 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 operational current • at AC-21 at 690 V rated value • at AC-21 at 690 V rated value • at AC-21 at 400 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 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	number of poles note	N + PE
electrical endurance (operating cycles)	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 surge voltage resistance 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 IP protection class IP grotection class IP on the front IP65 Dissipation Dower 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-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	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 operating frequency rated value ominimum omi	electrical endurance (operating cycles)	
degree of pollution 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 • 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 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-23 A at 690 V	6 000
insulation voltage rated value 690 V surge voltage resistance rated value 680 V operating voltage • at AC rated value 690 V operating frequency rated value • minimum • maximum 50 Hz • maximum 60 Hz Protection 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 64 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 440 V rated value 16 A	operating frequency maximum	50 1/h
insulation voltage rated value 690 V surge voltage resistance rated value 6 kV operating voltage • at AC rated value 690 V operating frequency rated value • minimum • maximum 50 Hz • maximum 60 Hz Protection class protection class IP IP65 degree of protection NEMA rating 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 240 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 • foo Hz Protection class IP degree of protection NEMA rating protection class IP on the front Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole 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 240 V rated value • at AC-21 A at 240 V rated value • 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 ininimum maximum for Hz operation class IP degree of protection NEMA rating protection class IP on the front Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Main circuit operational current at AC-21 at 690 V rated value for AC-21 A at 240 V rated value for AC-21 A at 400 V rated value	surge voltage resistance rated value	6 kV
operating frequency rated value • minimum • maximum • maximum • maximum • 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 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 m	at AC rated value	690 V
● maximum Frotection 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 • 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 frequency rated value	
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 • 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 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 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 16 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 400 V rated value 16 A	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 • 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
namber of bracket looks maximum	
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

508/UL 60947-4-1	
continuous current of upstream fuse according to UL rated value	50 A
type of fuse according to UL	RK5
Connections	NN3
AWG number as coded connectable conductor cross section	
solid	
• maximum	10
• minimum	18
type of connectable conductor cross-sections for copper conductor	
• solid	1x (16mm²)
 finely stranded with core end processing 	1x (14mm²)
• stranded	1x (16mm²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
• finely stranded with core end processing	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm²
stranded	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
type of electrical connection	
• for main current circuit	box terminal
for auxiliary contacts	connection terminals
Mechanical Design	
height	164 mm
width	100 mm
depth	118 mm
type of device	fixed mounting
fastening method	Complete unit in enclosure
fastening method	
 4-hole front mounting 	No
 front mounting with central attachment 	Yes
rail mounting	No
net weight	474 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







Miscellaneous

Special Test Certificate



other

Environment

Confirmation

Miscellaneous

Environmental Confirmations

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

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$

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)

 $\underline{https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2064-0TB53-0US2}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2064-0TB53-0US2

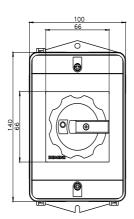
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2064-0TB53-0US2

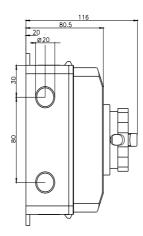
CAx-Online-Generator

http://www.siemens.com/cax

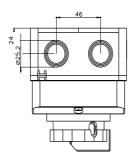
Tender specifications

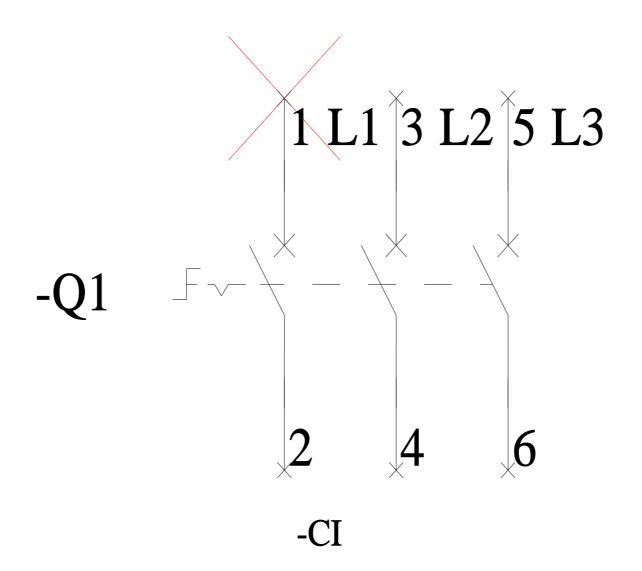
http://www.siemens.com/specifications

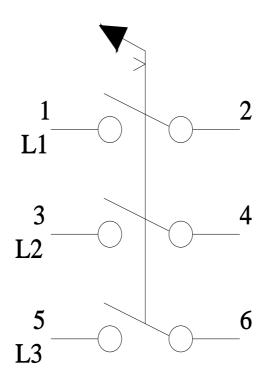












last modified: 6/20/2023 🖸