SIEMENS

Data sheet 3LD2265-4VD53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 6- pole, lu: 32 A, operating power / at AC-23 A 400 V: 11.5 kW, molded-plastic encapsulation for metric screw connection, 1 NC, 1 NO, rotary operating mechanism, red/yellow

product traind name SENTRON product designation Switch disconnector Switch disconnector Switch design of the product EMERGENCY-STOP switch	Model	
design of the product display version for switch position indicator manual operation 1 ON - 0 OFF ype of switch design of the actuating element color of the actuating element design of handle type of the driving mechanism motor drive No Ceneral technical data number of poles note Size of switch disconnector mechanical 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 frequency rated value • minimum • maximum Protection class IP protection class IP protection alse IP protection alse (PM) for rated value of AC-21 A at 690 V rated value • at AC-21 A at 690 V rated value • at AC-21 A at 400 V rated value	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 No Coneral technical data number of poles note size of switch disconnector mechanical service life (operating cycles) typical electrical endurance (operating cycles) • at AC-23 A at 690 V operating frequency maximum 50 Hz • at AC rated value • minimum • at AC rated value of the current at AC in hot operating state per pole Main circuit operational current • 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 • at AC-21 A at 400 V rated value	product designation	Switch disconnector
type of switch design of the actuating element Short rotary knob Color of the actuating element design of handle type of the driving mechanism motor drive No Ceneral technical data number of poles number of poles number of poles of switch disconnector electrical endurance (operating cycles) typical electrical endurance (operating cycles) at AC-23 A at 809 V operating frequency maximum operating frequency rated value at AC rated value minimum menatured minimum menatured value minimum menatured value minimum motoration maximum protection class IP degree of protection NEMA rating protection class IP on the front menatured value of the current at AC in hot operating state per pole Main circuit at AC-21 at 800 V rated value at AC-21 at 800 V rated value operating frequency rated value suppose of protection class IP of the front menature of the current at AC in hot operating state per pole menature of the current value at AC-21 at 800 V rated value at AC-21 at 800 V rated value 32 A at AC-21 at 800 V rated value at AC-21 at 800 V rated value 32 A at AC-21 at 400 V rated value at AC-21 at 400 V rated value 32 A at AC-21 at 400 V rated value at AC-21 at 400 V rated value 32 A at AC-21 at 400 V rated value at AC-21 at 400 V rated value 32 A at AC-21 at 400 V rated value 41 AC-21 at 400 V rated value 42 AC-21 at 400 V rated value 43 AC-21 at 400 V rated value 44 AC-21 at 400 V rated value 45 AC-21 At 400 V rated value 46 AC-21 At 400 V rated value 47 AC-21 At 400 V rated value 48 AC-21 At 400 V rated value 49 AC-21 At 400 V rated value 40 AC-21 At 400 V rated value 41 AC-21 At 400 V rated value 41 AC-21 At 400 V rated value 41 AC-21 At 400 V rated value 42 AC-21 At 400 V rated value	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 6 number of poles Note Size of switch disconnector 2 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 3 electrical endurance (operating cycles) typical 4 electrical endurance (operating cycles) typical 50 1/h degree of pollution 3 voltage insulation voltage rated value 690 V operating frequency maximum 690 V operating voltage resistance rated value 690 V operating voltage 690 V operating frequency rated value 690 V operating frequency rated valu	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 textunical data Tumber of poles number of poles note N size of switch disconnector 2 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating devices) typical 6 000 operating frequency (operating devices) typical 6 000 surge voltage 6 00 1/h operating voltage 6 kV operating frequency rated value 690 V e maximum 50 Hz e minimum 50 Hz e maximum 60 Hz Protection class IP protection class IP 1 per typical	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 No Ceneral technical data number of poles 6 number of poles 10 nu	design of the actuating element	Short rotary knob
type of the driving mechanism motor drive General technical data number of poles 6 number of poles note size of switch disconnector 2 mechanical service life (operating cycles) typical electrical endurance (operating cycles) • at AC-23 At 690 V operating frequency maximum 50 1/h degree of pollution 3 Voltage Insulation voltage rated value • at AC rated value • at AC rated value • minimum • maximum 50 Hz Frotection class IP degree of protection NEMA rating protection class IP on the front Dissipation Dissipation Operating state per pole Main circuit operational current • at AC-21 A at 400 V rated value 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	color of the actuating element	red
number of poles number of poles note number of poles note size of switch disconnector 2 mechanical service life (operating cycles) typical electrical endurance (operating cycles) • at AC-23 A at 890 V 6 000 operating frequency maximum 60 1/h degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 690 V operating frequency rated value 600 tz 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 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	design of handle	rotary operating mechanism, red/yellow
number of poles number of poles note N size of switch disconnector 2 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 690 V operating frequency rated value 109 Protection class IP frequency rated value 109 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 4 at AC-21 A at 240 V rated value 32 A 4 at AC-21 A at 400 V rated value 32 A 4 at AC-21 A at 400 V rated value 32 A	type of the driving mechanism motor drive	No
N	General technical data	
size of switch disconnector 2 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) 6 000 • 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 6 kV operating voltage 6 kV • at AC rated value 690 V operating frequency rated value 690 V • minimum 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 Dissipation A A C-21 at 690 V rated value 32 A • 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	number of poles	6
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 • 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
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 6 kV operating voltage • at AC rated value 690 V operating frequency rated value 690 V operating frequency rated value • 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 • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value 32 A • at AC-21 A at 400 V rated value 32 A	size of switch disconnector	2
● at AC-23 A at 690 V 6 000 operating frequency maximum 50 1/h degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 690 V operating voltage ● at AC rated value 690 V operating frequency rated value ● minimum 50 Hz ● maximum 50 Hz Protection class protection class IP degree of protection NEMA rating 1, 4X, 12 protection class IP 0 Hp65 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 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 400 V rated value 32 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 • maximum 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 32 A • at AC-21 A at 400 V rated value 32 A	electrical endurance (operating cycles)	
degree of pollution 3 Voltage 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 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 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-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 80 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 • 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	degree of pollution	3
surge voltage resistance rated value operating voltage out at AC rated value operating frequency rated value operating frequency rated value out minimum out maximum out 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 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 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 maximum for 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 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 • 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	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 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 rated value	690 V
 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 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 32 A at AC-21 A at 400 V rated value 32 A 	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 32 A • at AC-21 A at 400 V rated value 32 A	• 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 32 A • at AC-21 A at 400 V rated value 32 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 32 A • at AC-21 A at 400 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 400 V rated value 32 A • at AC-21 A at 400 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 32 A • at AC-21 A at 400 V rated value 32 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 32 A • at AC-21 A at 400 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 32 A • at AC-21 A at 400 V rated value 32 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 32 A 32 A 32 A		1.8 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 32 A 32 A 	Main circuit	
 at AC-21 A at 240 V rated value at AC-21 A at 400 V rated value 32 A 32 A 	operational current	
• at AC-21 A at 400 V rated value 32 A	• 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 440 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

 at AC-23 A at 400 V rated value 	22 A
operating power	LL IX
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 400 V rated value at AC-3 at 690 V rated value	9.5 kW
Auxiliary circuit	5.5 KW
number of CO contacts for auxiliary contacts	0
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
operating voltage of auxiliary contacts at AC maximum	500 V
continuous current of the auxiliary contact rated value	10 A
insulation voltage of the auxiliary switch rated value	500 V
Suitability	300 V
suitability for use • main switch	Yes
main switch switch disconnector	Yes
switch disconnector EMERGENCY OFF switch	Yes
	Yes
safety switch safety switch	
maintenance/repair switch Product details	Yes
Product details	Ven
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	2
number of connectable NO contacts for auxiliary contacts attachable maximum	3
number of connectable CO contacts for auxiliary contacts	0
attachable maximum	
number of bracket locks maximum	3
number of bracket locks maximum hasp thickness of the bracket locks	3 4 8 mm
number of bracket locks maximum	
number of bracket locks maximum hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection	4 8 mm
number of bracket locks maximum 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	
number of bracket locks maximum 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	4 8 mm 50 kA
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA 4.5 kA
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA 4.5 kA
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA 4.5 kA
number of bracket locks maximum 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 12t value with closed switch	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 5 kA 9 kA2.s 9 kA2.s
number of bracket locks maximum 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 440 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	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s fuse gL/gG: 40 A fuse gL/gG: 10 A
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s fuse gL/gG: 40 A fuse gL/gG: 10 A
number of bracket locks maximum 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 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 o 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	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s fuse gL/gG: 40 A fuse gL/gG: 10 A 40 A
number of bracket locks maximum 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	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s fuse gL/gG: 40 A fuse gL/gG: 10 A 40 A
number of bracket locks maximum 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-	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s fuse gL/gG: 40 A fuse gL/gG: 10 A 40 A 32 A 600 V
number of bracket locks maximum 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 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 60947-4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 10 ka 10

508/UL 60947-4-1	
	80 A
continuous current of upstream fuse according to UL rated value	RK5
type of fuse according to UL	RNS
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)
 finely stranded with core end processing 	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
 for auxiliary contacts 	connection terminals
Mechanical Design	
height	188 mm
width	146 mm
depth	149 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	884 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

EAC

C E



Special Test Certificate

<u>Miscellaneous</u>



other

Environment

Miscellaneous

Confirmation

Environmental Confirmations

Further information

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)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2265-4VD53

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2265-4VD53

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

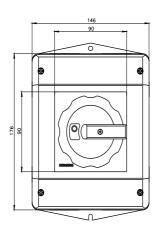
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2265-4VD53

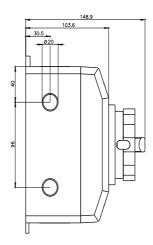
CAx-Online-Generator

http://www.siemens.com/cax

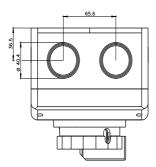
Tender specifications

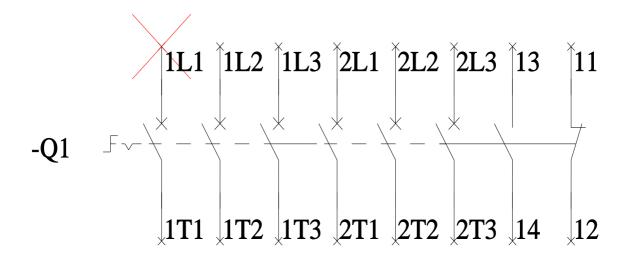
http://www.siemens.com/specifications

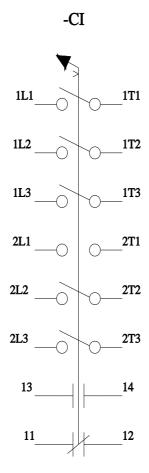












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