SIEMENS

Data sheet

3LD3254-0TL53



Load disconnector 3LD3, lu 32 A Main switch 3-pole + N Rated operating capacity for AC-23 A at 400V 11.5kW Front plate mounting Basic switch with Central hole mounting 22.5mm Rotary actuator red / yellow 66 x 66 mm

product brand name SENTRON product designation 3LD Switch disconnector design of the product EMERGENCY-STOP switch display version / for switch position indicator manual operation 1 ON - 0 OFF type of switch front mounted design of the actuating element Short rotary knob 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 number of poles 4 number of poles 4 number of poles / note 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 60 1/h degree of pollution 3 Voltage insultation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 60 V operat	Model		
design of the product EMERGENCY-STOP switch display version / for switch position indicator manual operation 10N - 0 OFF type of switch front mounted type of switch front mounted design of the actuating element Short rotary knob 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 / note number of poles / note 4 number of poles / note 4 electrical endurance (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 6000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 600 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating rotage e k KV operating frequency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 60 Hz <td>product brand name</td> <td>SENTRON</td>	product brand name	SENTRON	
display version / for switch position indicator manual operation 1 ON - 0 OFF type of switch front mounted 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	product designation	3LD Switch disconnector	
operation front mounted type of switch front mounted design of he 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	design of the product	EMERGENCY-STOP switch	
design of the actuating element Short rotary knob 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 1 number of poles 4 number of poles / note 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V operating frequency / maximum 60 Hz operating frequency / rated value 690 V operating frequency / rated value 690 V operating rotage • at AC / rated value operating frequency / rated value 690 V operating frequency / rated value 1.8 W protection class IP IP65 protection class IP / on the fr		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 number of poles / note 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 60 1/h degree of pollution 3 Voltage 680 V insulation voltage / rated value 690 V surge voltage resistance / rated value 680 V operating frequency / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 680 V operating frequency / rated value 690 V examum 60 Hz operating frequency / rated value 690 V e at AC / rated value 690 V operating frequency / rated value 60 Hz protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP /	type of switch	front mounted	
design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data	design of the actuating element	Short rotary knob	
type of the driving mechanism / motor drive No General technical data	color / of the actuating element	red	
General technical data 4 number of poles 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 680 V insulation voltage / rated value 690 V operating requency / rated value 690 V operating voltage 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 600 V operating frequency / rated value 690 V operating frequency / rated value 600 V operating frequency / rated value 600 V operating frequency / rated value 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front <td>design of handle</td> <td>rotary operating mechanism, red/yellow</td>	design of handle	rotary operating mechanism, red/yellow	
number of poles 4 number of poles / note 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V operating frequency / maximum 60 00 operating requency / maximum 60 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V operating frequency / rated value 60 Hz Protection class IP 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W porentional current / rated value	type of the driving mechanism / motor drive	No	
number of poles / note 4 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 6 90 V insulation voltage / rated value 690 V operating requency / rated value 690 V operating voltage 6 kV operating requency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operation class IP 1065 protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W power loss [W] / for rated value of the current / at AC / in hot operational current / rated value 32 A operat	General technical data		
mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value insulation voltage / rated value 690 V operating frequency / maximum 60 V surge voltage resistance / rated value 690 V operating voltage 64 V operating frequency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operation class IP 10 P65 degree of protection class IP / on the front IP65 Dissipation 1.8 W pover loss [W] / for rated value of the current / at AC / in hot operating state / per pole <td>number of poles</td> <td>4</td>	number of poles	4	
electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 6 90 V insulation voltage / rated value 6 80 V operating voltage resistance / rated value 6 kV operating voltage 6 90 V • at AC / rated value 6 kV operating voltage 690 V • at AC / rated value 690 V operating frequency / rated value 690 V • at AC / rated value 690 V operating frequency / rated value 50 Hz maximum 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 32 A <td>number of poles / note</td> <td>4</td>	number of poles / note	4	
• at AC-23 A / at 690 V 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage 6 kV operating rotade value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 1.3 R, 4X, 12 protection class IP IP65 Dissipation IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current operational current / rated value 32 A <td>mechanical service life (switching cycles) / typical</td> <td>100 000</td>	mechanical service life (switching cycles) / typical	100 000	
operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage 690 V • at AC / rated value 690 V operating frequency / rated value 60 Hz operating frequency / rated value 100 Hz operating frequency / rated value 1, 3R, 4X, 12 protection class IP IP65 protection class IP / on the front IP65 Dissipation IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W operational current / rated value 32 A operational current / rated value 32 A	electrical endurance (switching cycles)		
degree of pollution 3 Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage 6 kV operating requency / rated value 690 V operating frequency / rated value 60 Hz Protection class 70 Hz protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 32 A operational current 32 A	• at AC-23 A / at 690 V	6 000	
Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage 6 kV operating requency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 600 V operating frequency / rated value 690 V operating frequency / rated value 600 Hz Protection class 100 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 32 A operational current 32 A	operating frequency / maximum	50 1/h	
insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage 690 V • at AC / rated value 690 V operating frequency / rated value 690 V • minimum 50 Hz • maximum 60 Hz Protection class Protection class IP protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation IP65 current 0perating state / per pole operating state / per pole 32 A	degree of pollution	3	
surge voltage resistance / rated value 6 kV operating voltage 690 V • at AC / rated value 690 V operating frequency / rated value 690 V • minimum 50 Hz • maximum 60 Hz Protection class 700 Hz protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 32 A operational current 32 A	Voltage		
operating voltage 690 V operating frequency / rated value 690 V operating frequency / rated value 50 Hz • minimum 60 Hz Protection class 60 Hz protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W current 32 A	insulation voltage / rated value	690 V	
• at AC / rated value 690 V operating frequency / rated value 50 Hz • minimum 50 Hz • maximum 60 Hz Protection class protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current 32 A operational current / rated value 32 A	surge voltage resistance / rated value	6 kV	
operating frequency / rated value 50 Hz • maximum 60 Hz Protection class 9 protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current 32 A operational current / rated value 32 A	operating voltage		
• minimum50 Hz• maximum60 HzProtection classIP65protection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP / on the frontIP65DissipationIP65power loss [W] / for rated value of the current / at AC / in hot operating state / per pole1.8 WOperational current / rated value32 Aoperational current32 A	 at AC / rated value 	690 V	
maximum 60 Hz Protection class protection class IP IP65 degree of protection NEMA rating protection class IP / on the front IP65 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Operational current / rated value 32 A operational current	operating frequency / rated value		
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degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current 32 A operational current 32 A	Protection class		
protection class IP / on the front IP65 Dissipation IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current 32 A operational current / rated value 32 A	protection class IP	IP65	
Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current 32 A operational current 32 A	degree of protection NEMA rating	1, 3R, 4X, 12	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current Operational current / rated value operational current 32 A	protection class IP / on the front	IP65	
hot operating state / per pole Current operational current / rated value operational current	Dissipation		
operational current / rated value 32 A operational current 32 A		1.8 W	
operational current	Current		
	operational current / rated value	32 A	
• at 40 °C / rated value 32 A	operational current		
	• at 40 °C / rated value	32 A	
• at 45 °C / rated value 32 A	• at 45 °C / rated value	32 A	

a at E0 °C / rated value	20.4
• at 50 °C / rated value	32 A
• at 55 °C / rated value	32 A
at AC / rated value	32 A
Main circuit	
operational current	
 at AC-21 / at 690 V / rated value 	32 A
 at AC-21 A / at 240 V / rated value 	32 A
 at AC-21 A / at 400 V / rated value 	32 A
 at AC-21 A / at 440 V / rated value 	32 A
• at AC-23 A / at 400 V / rated value	22 A
operating power	
 at AC-23 A / at 240 V / rated value 	6 kW
 at AC-23 A / at 400 V / rated value 	12 kW
 at AC-23 A / at 440 V / rated value 	11.5 kW
 at AC-23 A / at 690 V / rated value 	12 kW
 at AC-3 / at 240 V / rated value 	5.5 kW
• at AC-3 / at 400 V / rated value	10 kW
• at AC-3 / at 690 V / rated value	9.5 kW
Auxiliary circuit	
number of CO contacts / for auxiliary contacts	0
number of NC contacts / for auxiliary contacts	0
number of NO contacts / for auxiliary contacts	0
operating voltage / of auxiliary contacts / at AC / maximum	500 V
continuous current / of the auxiliary contact / rated value	10 A
insulation voltage / of the auxiliary switch / rated value	500 V
Suitability	
suitability for use	
main switch	Yes
 switch disconnector 	Yes
 EMERGENCY OFF switch 	Yes
- eefety ewiteb	No.
 safety switch 	Yes
maintenance/repair switch	Yes
-	
maintenance/repair switch Product details	Yes
maintenance/repair switch Product details special product feature	
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position	Yes Can be locked in zero position
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories	Yes Can be locked in zero position
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional	Yes Can be locked in zero position Yes
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional o motor drive	Yes Can be locked in zero position
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger	Yes Can be locked in zero position Yes No
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional omtor drive	Yes Can be locked in zero position Yes No No
maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts	Yes Can be locked in zero position Yes No No
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum 	Yes Can be locked in zero position Yes No No 2
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 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum 	Yes Can be locked in zero position Yes No No 2 4 0
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum 	Yes Can be locked in zero position Yes No No 2 4 0 3
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum hasp thickness / of the bracket locks 	Yes Can be locked in zero position Yes No No 2 4 0
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks 	Yes Can be locked in zero position Yes No No 2 4 0 3
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum hasp thickness / of the bracket locks 	Yes Can be locked in zero position Yes No No 2 4 0 3
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum 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 	Yes Can be locked in zero position Yes No No 2 4 0 3
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum 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 at 440 V / by gG fuse / rated value	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum 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 at 440 V / by gG fuse / rated value at 690 V / by gG fuse / rated value 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum 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 at 690 V / by gG fuse / rated value at 690 V / by gG fuse / rated value let-through current / with closed switch at 240 V / for combination switch + gG fuse / 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum 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 at 690 V / by gG fuse / rated value at 690 V / by gG fuse / rated value 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum 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 at 690 V / by gG fuse / rated value 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 / 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA 4.5 kA
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum 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 at 440 V / by gG fuse / rated value 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 440 V / for combination switch + gG fuse / maximum 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA 4.5 kA 4.5 kA
 maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 440 V / by gG fuse / rated value 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 	Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA 4.5 kA 4.5 kA

• at 440 V / for combination switch + gG fuse / maximum 9 kA2.s • et 680 V / for combination switch + gG fuse / maximum 9 kA2.s design of the fuse link • for short-circuit protection of the main circuit / required • for short-circuit protection of the auxiliary switch / required fuse gL/gG: 40 A • operational current / of upstream fuse / rated value 32 A • cecording UL 600 V operational current / at 6/ according to UL 600 V S0847-4-11 / rated value 20 operating voltage / at AC / according to UL 20 S0847-4-11 / rated value 20 core at the fuse of	maximum	
maximum 9 KA2 is measmum 9 KA2 is design of the fuse link fuse gL/gG: 40 A if or stort-circuit protection of the main circuit / required fuse gL/gG: 40 A if or stort-circuit protection of the auxiliary switch / required fuse gL/gG: 10 A generational current / of upstream fuse / rated value 32 A goording UL 000 V goording use / at C / at 50/60 Hz / according to UL 20 goording use / at C / at 50/60 Hz / according to UL 20 goording use / at C / at 50/60 Hz / according to UL 20 goording use / at C / at 50/60 Hz / according to UL 20 goording use / at C / at 50/60 Hz / according to UL 20 goording use / at C / at 50/60 Hz / according to UL 20 goording use / at C / at 50/60 Hz / according to UL 20 goording use / according to UL 20 short-time withstand current (SCCR) / at 600 V / according to UL 56 A totle use / according to UL 6 A type of fuse / according to UL 75 A orninuus current / a AC / at 50/60 Hz / according to UL 75 A operational users / according to UL 75 A operational users / according to UL 75 A operational users / according to UL 75 A operaton accored use consectable conductor cross-sections / for coperali		9 kA2.s
maximum maximum design of the fuse link • for short-circuit protection of the main circuit / required fuse gL/gG: 40 A • for short-circuit protection of the auxiliary switch / required fuse gL/gG: 10 A operational current / at C/ according to UL 32 A operating voltage / at AC / according to UL 500 V operating voltage / at AC / at 50/60 Hz / according to UL 500 V operating voltage / at AC / at 600 V / according to UL 500 V obs/UL G0947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 short-time withstand current (ISCCR) / at 600 V / according to UL 20 short-time withstand current (ISCCR) / at 600 V / according to UL / rated value 50 A value 50 A 50 A value 70 continuous current / of upstream fuse / according to UL / for aximum 6 <td< td=""><td></td><td></td></td<>		
		9 kA2.s
required fuse gL/gG: 10 A required gerational current / of upstream fuse / rated value 32 A operational current / at AC / according to UL. 508/UL 32 A object-11 / rated value 32 A operational current / at AC / according to UL. 508/UL 600 V 508/UL 60947-4.1 / rated value 20 active power (hp) / at AC / at 50/00 Hz / according to UL 20 508/UL 60947-4.1 / rated value 20 soft-time withstand current / At C/ at 600 V / according to UL 20 508/UL 60947-4.1 / rated value 20 soft-time withstand current / Of upstream fuse / according to UL. 20 508/UL 60947-4.1 / rated value 50 A rated value 50 A value 600 V / according to UL 20 508/UL 60947-4.1 50 A rated value 50 A value 000 value 50 A rated value 50 A value 1 / socording to UL 70 Valve of fuse / according to UL 70 Valve of socording to UL 70 Valve of socording to UL 70 Valve of socording to UL 70 Vand unume <t< td=""><td>-</td><td></td></t<>	-	
required operational current / of upstream fuse / rated value 32 A cororational current / at AC / according to UL 508/UL 60947-41 / rated value coperating voltage / at AC / at 50/80 Hz / according to UL 508/UL 60947-41 / rated value coperating voltage / at AC / at 50/80 Hz / according to UL 508/UL 60947-41 / rated value coperating voltage / at AC / at 60/80 Hz / according to UL 508/UL 60947-41 / rated value coperating voltage / at AC / at 60/80 Hz / according to UL 508/UL 60947-41 / rated value coperating voltage / at AC / at 80 V / according to UL 508/UL 60947-41 / rated value coperating voltage / at AC / at 80 V / according to UL coperating voltage / at AC / at 80 V / according to UL coperating voltage / at AC / at 80 V / according to UL coperating voltage / at AC / at 80 V / according to UL coperating voltage / at AC / at 80 V / according to UL / rated value coperating voltage / at AC / at 80 V / according to UL / rated value coperations with thand current (SCCR) / at 800 V / according to UL / rated value connectable conductor cross-sections / for copper conductor • solid • maximum • for connectable conductor cross-sections / for copper conductor • solid • inely stranded / with core end processing • stranded * proce of electrical connecton • solid • finely stranded / with core end processing • stranded * voltage / according / stranded * voltage / according / stranded * voltage / stranded		fuse gL/gG: 40 A
according UL operational current / at AC / according to UL 508/UL 32 A 09697-41 / rade value 600 V 208/UL 60947-41 / rade value 20 active power [hp] / at AC / at 50/60 Hz / according to UL 20 508/UL 60947-41 / rade value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-41 / rade value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-41 / rade value 20 continuous current / of upstream fuse / according to UL / rated value 50 A rype of fuse / according to UL RK5 Connectable 6 • maximum 6 • maximum 6 • inaidrum 14 type of connectable conductor cross-sections / for copper conductor 1x (2.5 to 16 mm²) • indimum 14 type of connectable conductor cross-sections / for auxiliary cortacts 2x (0.75 2.5 mm²), 1x 4 mm² • stranded 2x (0.75 2.5 mm²), 1x 4 mm² • stranded 2x (0.75 2.5 mm²), 1x 4 mm² • or auxiliary cortacts 2x (0.75 2.5 mm²), 1x 4 mm² • orade else conductor cross-sections / for auxiliary cortact		fuse gL/gG: 10 A
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60947-4-1 / rated value 600 V getrating voltage / at AC / at 50/60 Hz / according to UL 600 V 208UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508UL 60947-4-1 / rated value 20 stort time withstand current (SCCR) / at 600 V / according to UL 20 continuous current / of upstream fuse / according to UL / rated value 5 kA continuous current / of upstream fuse / according to UL / rated value 50 A Vype of fuse / according to UL RK5 Connections 6 • maximum 6 • minimum 14 Ype of fuse / according to uctor cross-sections / for copper conductor 14 Ype of connectable conductor cross-sections / for auxiliary contacts 2x (0.75 2.5 mm²), 1x 4 mm² • standed 1x (2.5 to 16 mm²) 1x (2.5 to 16 mm²) Iype of electrical conductor cross-sections / for auxiliary contacts 2x (0.75 2.5 mm²), 1x 4 mm² • standed 2x (0.75 2.5 mm²), 1x 4 mm² • for auxiliary contacts Box terminal • for auxiliary contacts Box terminal • for auxiliary contacts Box terminal • for auxiliary contacts	according UL	
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508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 short-time withstand current (SCCR) / at 600 V / according to UL / according to UL / according to UL / according to UL / rated value 5 kA continuous current / of upstream fuse / according to UL 60 A type of fuse / according to UL RK5 Connections 6 AWG number / as coded connectable conductor cross section / solid 6 • minimum 14 type of fuse / according to with core end processing 1x (2.5 to 16 mm²) • solid 1x (2.5 to 16 mm²) • finely stranded / with core end processing 1x (2.5 to 16 mm²) • solid 2x (0.75 2.5 mm²), 1x 4 mm² • solid 2x (0.75 2.5 mm²), 1x 4 mm² • solid 2x (0.75 2.5 mm²), 1x 4 mm² • solid 2x (0.75 2.5 mm²), 1x 4 mm² • for main current circuit box terminal • for main current circuit box terminals • for auxiliary contacts Box terminals Mechanical Design 60 mm • for hele front mounting 60 mm • for hele for hele for hele for here on the second 50 ka terminals <	508/UL 60947-4-1 / rated value	600 V
508/UL 60947-4-1 5 kA continuous current / of upstream fuse / according to UL. 50 A rated value 50 A type of fuse / according to UL RK5 Connections 6 AWG number / as coded connectable conductor cross section / solid 6 • maximum 6 • minimum 14 type of connectable conductor cross-sections / for copper conductor 1x (2.5 to 16 mm²) • finely stranded / with core end processing 1x (2.5 to 16 mm²) • finely stranded / with core end processing 1x (2.5 to 16 mm²) • stranded 1x (2.5 to 16 mm²) • finely stranded / with core end processing 2x (0.75 2.5 mm³), 1x 4 mm² • solid 2x (0.75 2.5 mm²), 1x 4 mm² • finely stranded / with core end processing 2x (0.75 2.5 mm²), 1x 4 mm² • finely stranded / with core end processing 2x (0.75 2.5 mm²), 1x 4 mm² • solid 2x (0.75 2.5 mm²), 1x 4 mm² • for waitiliary contacts Box terminal • for waitiliary contacts Box terminals Mechanical Design fixed mounting • for waitiliary contacts Box terminals Mechanical Design fi		20
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rated value RK5 Connections AWG number / as coded connectable conductor cross section / solid 6 • maximum 6 • minimum 14 type of connectable conductor cross-sections / for copper conductor 1x (2.5 to 16 mm²) • solid 1x (2.5 to 16 mm²) • finely stranded / with core end processing 1x (2.5 to 16 mm²) • stranded 1x (2.5 to 16 mm²) • stranded 1x (2.5 to 16 mm²) • solid 2x (0.75 2.5 mm²), 1x 4 mm² • solid 2x (0.75 2.5 mm²), 1x 4 mm² • solid 2x (0.75 2.5 mm²), 1x 4 mm² • solid 2x (0.75 2.5 mm²), 1x 4 mm² • finely stranded / with core end processing 2x (0.75 2.5 mm²), 1x 4 mm² • solid 2x (0.75 2.5 mm²), 1x 4 mm² • for main current circuit box terminal • for main current circuit box terminal • for auxiliary contacts Box terminals Mochanical Design 60 mm width 49 mm depth 114 mm type of device fixed mounting fastening method 4-hole front mounting	to UL 508/UL 60947-4-1	
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• for auxiliary contacts Box terminals Mechanical Design height 60 mm width 49 mm depth 114 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method No • 4-hole front mounting No • front mounting with central attachment Yes		box terminal
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height 60 mm width 49 mm depth 114 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method No • 4-hole front mounting No • front mounting with central attachment Yes		
width 49 mm depth 114 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method • 4-hole front mounting • 4-hole front mounting with central attachment No		60 mm
type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method • 4-hole front mounting • 4-hole front mounting with central attachment No Yes Yes		49 mm
fastening method Built-in unit fixed-mounted version fastening method • 4-hole front mounting • front mounting with central attachment No Yes Yes	depth	114 mm
fastening method No • 4-hole front mounting No • front mounting with central attachment Yes	type of device	fixed mounting
• 4-hole front mounting No • front mounting with central attachment Yes		Built-in unit fixed-mounted version
front mounting with central attachment Yes	-	
	-	
	-	
net weight 200 g	rail mounting	
Environmental conditions	-	200 g
ambient temperature / during operation		
• minimum -25 °C		-25 °C
• maximum 55 °C		
ambient temperature / during storage		
• minimum -25 °C		-25 °C
• maximum 55 °C	• maximum	55 °C
General Product Approval Declaration of Conformity	General Product Approval	Declaration of Conformity









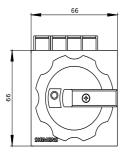
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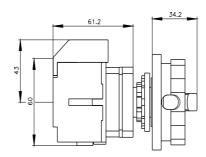
other

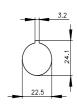
Miscellaneous

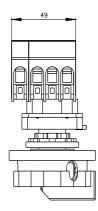
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