SIEMENS

Data sheet 3LD3454-0TK53



Load disconnector 3LD3, lu 63 A Main switch 3-pole Rated operating capacity at AC-23 A at 400V 22.0 kW Front plate mounting Basic switch with Central hole mounting 22.5mm Toggle drive red / yellow 66x66 mm

Model		
product brand name	SENTRON	
product designation	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	3	
number of poles note	3	
mechanical service life (operating cycles) typical	100 000	
electrical endurance (operating cycles)		
• at AC-23 A at 690 V	6 000	
operating frequency maximum	50 1/h	
degree of pollution	3	
Voltage		
insulation voltage rated value	690 V	
surge voltage resistance rated value	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, 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	4.5 W	
Main circuit		
operational current		
• at AC-21 at 690 V rated value	63 A	
• at AC-21 A at 240 V rated value	63 A	
• at AC-21 A at 400 V rated value	63 A	
• at AC-21 A at 440 V rated value	63 A	
• at AC-23 A at 400 V rated value	43 A	

operating power • at AC-23 A at 400 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 400 V rated value • at AC-33 A at 400 V rated value • at AC-33 A at 500 V rated value • at AC-34 A at 500 V rated value • at 600 V specified purpore with 500 B at 500 V according to UL 508		
a at AC-23 At at 400 V rated value 22 kW at AC-23 At 8 600 V rated value 19 kW at AC-3 at 8 600 V rated value 11 kW at AC-3 at 8 600 V rated value 15 kW at AC-3 at 8 600 V rated value 15 kW at AC-3 at 600 V rated value 15 kW at AC-3 at 600 V rated value 15 kW at AC-3 at 600 V rated value 15 kW at AC-3 at 600 V rated value 15 kW at AC-3 at 600 V rated value 00 rated value 10 kW at AC-3 at 600 V rated value 00 rated value 00 rated value 10 kW at AC-3 at 600 V rated value 00 rated value 10 control to rated value 10 control to rated for auxiliary contacts 00 countrol control to rated value 10 control t	operating power	
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and AG-3 at 249 Y rated value at AG-3 at 2600 Y rated value at AG-3 at 2600 Y rated value by Auxiliary circuit The Auxiliary contacts for auxiliary contacts The Auxi	 at AC-23 A at 440 V rated value 	22 kW
and AC-3 at 400 V rated value at AC-3 at 400 V rated value 15 kW Auxiliary circuit number of IC Contacts for auxiliary contacts 0 continuous current of the auxiliary contact at AC movimum 500 V continuous current of the auxiliary switch rated value 10 A naulation value ge of the auxiliary switch rated value 10 A naulation value ge of the auxiliary switch rated value 10 A strainity 10 Statishility 10 suitability for use 10 minishing witch 10 minishing 10 minishin	 at AC-23 A at 690 V rated value 	19 kW
**AcC3 at 260 V rated value **Acc1 at 260 Contacts for auxiliary contacts number of OC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 operating voltage of auxiliary contacts at AC maximum 500 V continuous current of the auxiliary contact rated value 500 V suita-bility	 at AC-3 at 240 V rated value 	11 kW
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number of NO contacts for auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary switch rated value subability for use main switch e main switch e main switch e witch disconnector Ves e MERROSENCY OFF switch e safety switch e maintenance/repair switch Yes product feature product feature can be locked into OFF position yes product details special product feature can be locked into OFF position yes product extension optional e most offer e No voitage rigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachables maximum number of connectable NC contacts for auxiliary contacts attachables maximum number of connectable NC contacts for auxiliary contacts attachables maximum number of connectable NC contacts for auxiliary contacts attachables maximum number of connectable NC contacts for auxiliary contacts attachables maximum number of connectable NC contacts for auxiliary contacts attachables maximum 1	number of CO contacts for auxiliary contacts	0
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continuous current of the auxiliary switch rated value Insulation voltage of the auxiliary switch rated value S00 V Strinbility Suthability for use - main switch - switch disconnector - EMERGENCY OFF switch - safety switch - yes - maintenance/repair switch - Yes - safety switch - yes - maintenance/repair switch - Yes - value of the safety switch - value of connectable NC contacts for auxiliary contacts - safety switch - value of connectable NC contacts for auxiliary contacts - safety switch - value of connectable NC contacts for auxiliary contacts - safety switch - value of connectable NC contacts for auxiliary contacts - safety switch - value of the safety switch - value value - value of the value of the safety switch - value value - value of the value of the safety switch - value value - value of the value of the safety switch - value of the	number of NO contacts for auxiliary contacts	0
Installation voltage of the auxiliary switch rated value Suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety safety safety • safety safety • safety safety • safety safety • safe	operating voltage of auxiliary contacts at AC maximum	500 V
suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety •	continuous current of the auxiliary contact rated value	10 A
suitability for use main switch main switch ewitch disconnector eWit Subercenter eWit Subercenter eMERCENCY OFF switch yes earley switch maintenance/repair switch Yes Product details Special product feature Can be locked in zero position yes creasorios product extension optional motor drive voltage frigger No number of connectable IXC contacts for auxiliary contacts attachable maximum number of connectable IXC 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 protect tocks maximum 3 hasp thickness of the bracket locks 4 8 mm Short circuit conditional short-circuit current with line-side fuse protection attachable maximum at 40 V by gG fuse rated value 6 kA at 400 V by GG fuse rated value 6 kA at 440 V for combination switch + gG fuse maximum at 680 V for combination switch + gG fuse maxi	insulation voltage of the auxiliary switch rated value	500 V
* main switch * switch disconnector * EMERGENCY OFF switch * safety switch * safety switch * safety switch * maintenance/repair switch * yes * maintenance/repair switch * yes * product details * special product feature product extension optional * motor drive * voltage trigger * No * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * attachable maximum * an under of bracket locks maximum * at 880 V by g6 fuse rated value * at 880 V by g6 fuse rated value * at 480 V by g6 fuse rated value * at 480 V for combination switch + g6 fuse maximum * at 480 V for combination switch + g6 fuse maximum * at 480 V for combination switch + g6 fuse maximum * at 480 V for combination switch + g6 fuse maximum * at 480 V for combination switch + g6 fuse maximum * at 480 V for combination switch + g6 fuse maximum * at 480 V for combination switch + g6 fuse maximum * at 480 V for combination switch + g6 fuse maximum * at 480 V for combination switch + g6 fuse maximum * at 480 V for combination switch + g6 fuse maximum * at 480 V for combination switch + g6 fuse maximum * at 480 V for combination switch + g6	Suitability	
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EMERGENCY OFF switch safety switch safety switch remintenance/repair switch yes Product details special product feature product feature can be locked into OFF position Yes **Cecsories** product extension optional motor drive voltage trigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of bracket locks maximum number of bracket locks maximum sap 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 at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse fuse fuse fuse fuse fuse fuse fuse	main switch	Yes
* safety switch Yes Yes ** * maintenance/repair switch Yes ** Product details* special product feature product feature and be locked into OFF position Yes ** Accessories* product extension optional ** * motor drive ** * voltage triger No ** * unable of connectable NC contacts for auxiliary contacts attachable maximum ** * unumber of connectable NC contacts for auxiliary contacts attachable maximum ** * unumber of connectable NO contacts for auxiliary contacts attachable maximum ** * unumber of connectable NO contacts for auxiliary contacts attachable maximum ** * unumber of connectable NO contacts for auxiliary contacts attachable maximum ** * unumber of connectable NO contacts for auxiliary contacts attachable maximum ** * altachable maximum ** * alt	switch disconnector	Yes
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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 • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 480 V for combination switch + gG fuse maximum permissible I2t value with closed switch • at 240 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 440 V for combination switch + gG fuse maximum 21 kA2.s • at 690 V for combination switch + gG fuse maximum 21 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 operational current of upstream fuse rated value 63 A 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 60947-30	hasp thickness of the bracket locks	4 8 mm
 at 440 V by gG fuse rated value at 680 V by gG fuse rated value 6 kA 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 680 V for combination switch + gG fuse maximum at 680 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 21 kA2.s at 690 V for combination switch + gG fuse maximum for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 63 A according UL 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 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value 	Short circuit	
at 690 V by gG fuse rated value et-through current with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 6 kA 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 240 V for combination switch + gG fuse maximum 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 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 680 V for combination switch + gG fuse maximum at 820 V for combination switch + gG fuse maximum at 821 kA2.s at 690 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 821 kA2.s at 890 V for combination switch + gG fuse maximum at 840 V	conditional short-circuit current with line-side fuse protection	
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 240 V for combination switch + gG fuse maximum • 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 • 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 • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum 21 kA2.s • tak2.s • tak2	 at 440 V by gG fuse rated value 	10 kA
 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 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 tax2.s at 690 V for combination switch + gG fuse maximum tax2.s tax3.s tax4.s ta	• at 690 V by gG fuse rated value	6 kA
 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 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 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value 	let-through current with closed switch	
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 c	• at 240 V for combination switch + gG fuse maximum	6 kA
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 21 kA2.s • at 690 V for combination switch + gG fuse maximum 21 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 • for short-circuit protection of the auxiliary switch required fuse gL/gG: 63 A • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A 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 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	• at 440 V for combination switch + gG fuse maximum	6 kA
 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 21 kA2.s at 690 V for combination switch + gG fuse maximum 21 kA2.s design of the fuse link for short-circuit protection of the main circuit required fuse gL/gG: 63 A for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 63 A 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 60947-30 	• at 690 V for combination switch + gG fuse maximum	6 kA
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum 21 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 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 60947-30 	I2t value with closed switch	
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 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 active power [hp] at AC at 600 V according to UL 508/UL 60947- 4-2 active power [hp] at AC at 600 V according to UL 508/UL 60947- active power [hp] at AC at 600 V according to UL 508/UL 60947- 30	• at 240 V for combination switch + gG fuse maximum	21 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 operational current of upstream fuse rated value 63 A 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 600 V 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- 30		24 kA2 a
● 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 active power [hp] at AC at 600 V according to UL 508/UL 60947- active power [hp] at AC at 600 V according to UL 508/UL 60947- 30	 at 440 V for combination switch + gG fuse maximum 	ZT KAZ.S
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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- 30	• at 690 V for combination switch + gG fuse maximum	
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- 30	at 690 V for combination switch + gG fuse maximum design of the fuse link	21 kA2.s
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- 30	at 690 V for combination switch + gG fuse maximum design of the fuse link for short-circuit protection of the main circuit required	21 kA2.s fuse gL/gG: 63 A
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- 30	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	21 kA2.s fuse gL/gG: 63 A fuse gL/gG: 10 A
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- 30	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	21 kA2.s fuse gL/gG: 63 A fuse gL/gG: 10 A
4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 60947- 30	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	21 kA2.s fuse gL/gG: 63 A fuse gL/gG: 10 A 63 A
	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	21 kA2.s fuse gL/gG: 63 A fuse gL/gG: 10 A 63 A
	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-	21 kA2.s fuse gL/gG: 63 A fuse gL/gG: 10 A 63 A 600 V

short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1	5 kA
continuous current of upstream fuse according to UL rated value	50 A
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid maximum	
•	6
•	14
type of connectable conductor cross-sections for copper conductor	
• solid	1x (2.5 to 16 mm²)
 finely stranded with core end processing 	1x (2.516 mm²)
stranded	1x (2.5 to 16 mm²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	2x (0.75 2.5 mm²), 1x 4 mm²
 finely stranded with core end processing 	2x (0.75 1.5 mm²), 1x 2.5 mm²
• stranded	2x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	
• for main current circuit	box terminal
 for auxiliary contacts 	Box terminals
Mechanical Design	
height	60 mm
width	36 mm
depth	114 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	No
 front mounting with central attachment 	Yes
rail mounting	No
net weight	200 g
Environmental conditions	
ambient temperature during operation	
• minimum	-25 °C
maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
Approvals Certificates	

General Product Approval





Confirmation







other **Environment**

Miscellaneous Confirmation Environmental Con-**Environmental Con**firmations **firmations**

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

Industry Mall (Online ordering system)

 $\underline{https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD3454-0TK53}$

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

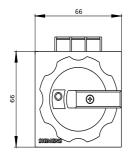
https://support.industry.siemens.com/cs/ww/en/ps/3LD3454-0TK53

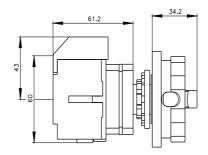
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3454-0TK53

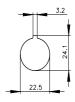
CAx-Online-Generator http://www.siemens.com/cax

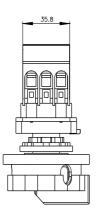
Tender specifications

http://www.siemens.com/specifications









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6/20/2023