SIEMENS

Data sheet 3LD5410-0TK11



SENTRON, Molded case switch 3LD5 UL, Main switch, 3-pole, certified according to UL489 UL60947-4-1 and IEC60947-3, UL: 100A, SCCR 65kA at 480VAC, Operating power at 480VAC 3-phase: 60hp, IEC: 100A, Operating power at AC-23A at 400V: 45kW, floor mounting with door coupling rotary operating mechanism, defeatable, Standard, 4-hole mounting of the handle, without tolerance compensation, incl. terminal covers for the infeed side

Model			
product brand name	SENTRON		
product designation	Switch disconnector		
design of the product	Main switch		
display version for switch position indicator manual operation	1 ON - 0 OFF		
type of switch	Floor mounting with door coupling		
design of the actuating element	door-coupling rotary operating mechanism		
color of the actuating element	gray		
design of handle	rotary operating mechanism, black		
type of the driving mechanism motor drive	No		
General technical data			
number of poles	3		
size of switch disconnector	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		
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	36 W		
Main circuit			
operational current			
• at AC-21 at 690 V rated value	100 A		
• at AC-21 A at 240 V rated value	100 A		
• at AC-21 A at 400 V rated value	100 A		
• at AC-21 A at 440 V rated value	100 A		
at AC-23 A at 400 V rated value	100 A		
operating power			
• at AC-23 A at 240 V rated value	30 kW		
• at AC-23 A at 440 V rated value	45 kW		
• at AC-23 A at 690 V rated value	37 kW		
• at AC-3 at 240 V rated value	30 kW		

at AC-3 at 400 V rated value	45 kW
at AC-3 at 690 V rated value	30 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 insulation voltage of the auxiliary switch rated value	10 A 500 V
	300 V
Suitability	
suitability for use	Voc
main switchswitch disconnector	Yes
switch disconnector EMERGENCY OFF switch	Yes No
safety switch	Yes
safety switch maintenance/repair switch	Yes
Product details	100
special product feature	defeatable door-coupling handle
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	3
attachable maximum	
number of connectable NO contacts for auxiliary contacts attachable maximum	5
number of connectable CO contacts for auxiliary contacts attachable maximum	0
number of bracket locks maximum	3
hasp thickness of the bracket locks	5 7.5 mm
·	
Short circuit	
Short circuit conditional short-circuit current with line-side fuse protection	
	50 kA
conditional short-circuit current with line-side fuse protection	50 kA 50 kA
conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value	
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	
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	50 kA
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	50 kA 16 kA
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	16 kA 16 kA
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 permissible	16 kA 16 kA
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 permissible 12t value with closed switch	50 kA 16 kA 16 kA 15 kA
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 permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum	50 kA 16 kA 16 kA 15 kA
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 permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum	50 kA 16 kA 16 kA 15 kA 223 kA2.s
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 permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	50 kA 16 kA 16 kA 15 kA 223 kA2.s
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 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	50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s
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 permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s
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 permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required	50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A
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 permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum output design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value	50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A
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 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 489/UL 60947-4-1 rated value operational current at AC according to UL 508/UL 60947-4-1	50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A 125 A
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 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 489/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 rated	50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A 125 A
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 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 489/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL	16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A 100 A
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 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 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 489/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 60947-	50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A 100 A 100 A 480 V
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 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 operational current of upstream fuse rated value according UL operational current at AC according to UL 489/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 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 short-time withstand current (SCCR) at 480 V according to UL	16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A 125 A 100 A 480 V
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 at 690 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 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 489/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 rated value operating voltage at AC at 50/60 Hz according to UL 489 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 short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489	16 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A 125 A 100 A 480 V 480 V 60 65 kA
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 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 operational current of upstream fuse rated value according UL operational current at AC according to UL 489/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 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 short-time withstand current (SCCR) at 480 V according to UL	16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A 125 A 100 A 480 V 480 V

height 178 mm width 113 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes • 4-hole front mounting Yes • front mounting with central attachment No • rail mounting No net weight 1 900 g Environmental conditions ambient temperature during operation • minimum -25 °C • maximum 55 °C ambient temperature during storage • minimum 55 °C	Connections				
• minimum 3 • maximum 4/0 AWG number as coded connectable conductor cross section solid according to U. 489 4/0 • minimum 3 • maximum 4/0 AWG number as coded connectable conductor cross section solid according to CSA C222 No 5-16 5 • innimum 2 • maximum 2/0 type of connectable conductor cross-sections for copper conductor 1x (16185mm²) • stranded 1x (16185mm²) • belief 1x (16185mm²) • belief 1x (16185mm²) • finely stranded with core end processing 1x (16185mm²) • finely stranded with core end processing lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² • finely stranded with core end processing lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² • for auxiliary contacts condended auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² • for auxiliary contacts condended auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² • for auxiliary contacts box terminal • for auxiliary contacts box te					
A moximum 4/0 A WC number as coded connectable conductor cross section solid according to U. 489					
AWG number as coded connectable conductor cross section solid according to U. 489 • ninimum • naximum AWG number as coded connectable conductor cross section solid according to CSA C22.2 No. 5-16 • minimum • naximum 20 type of connectable conductor cross-sections for copper conductor • solid • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded * for naxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0,75 2,5mm²) • lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0,75 2,5mm²) • stranded * for naxiliary contacts * for auxiliary contacts					
solid according to UL 489 4/0 AWG number as coded connectable conductor cross section solid according to CSA C22 No. 5-16 - maximum • minimum 3 • maximum 2/0 Vpe of connectable conductor cross-sections for copper conductor - solid • finely stranded will core end processing 1x (16185mm²) • finely stranded will core end processing 1x (16185mm²) • solid (ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0.75 2,5mm²) • solid (ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0.75 2,5mm²) • solid will core end processing (ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0.75 2,5mm²) • finely stranded will core end processing (ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0.75 2,5mm²) • stranded (brandian auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0.75 2,5mm²) • stranded (brandian auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0.75 2,5mm²) • stranded (brandian auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0.75 2,5mm²) • stranded (brandian auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxilia		4/0			
AWG number as coded connectable conductor cross section solid according to CSA C222 No. 5-16 • minimum • maximum 2/0 type of connectable conductor cross-sections for copper conductor • solid • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • for auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded • for auxiliary contacts • fixed mounting • fixed mounting • fixed mounting • 4-hole front mounting • 4-hole front mounting • 4-hole front mounting • fixed mou					
AWG number as coded connectable conductor cross section soil discording to CSA C22.2 No. 5-16 - minimum - maximum type of connectable conductor cross-sections for copper conductor - soil d - finely stranded with core end processing - stranded - soil d	• minimum	3			
solid according to CSA C22.2 No. 5-16	maximum	4/0			
type of connectable conductor cross-sections for copper (solid in ky (16185mm²) (1x (1525mm²), 1x 4mm²; front auxiliary switch 1x (1x (1525mm²) (1x (1525mm²), 1x 4mm²; front auxiliary switch 1x (1525mm²) (1x (1525mm²), 1x (1525mm²), 1x (1525mm²),					
type of connectable conductor cross-sections for copper conductor solid finely stranded with core end processing stranded type of connectable conductor cross-sections for auxiliary contacts solid finely stranded with core end processing finely stranded with core end processing stranded time to solid finely stranded with core end processing stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²), 1x 2,5mm², front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) be of electrical connection for main current circuit for auxiliary contacts box terminal connection terminals Mechanical Dosign Mechanical	• minimum	3			
condid 1x (16185mm²) e finely stranded with core end processing 1x (16185mm²) stranded 1x (16185mm²) type of connectable conductor cross-sections for auxiliary contacts alateral auxiliary switch 2x (0,752,5mm²), 1x 4mm²; front auxiliary switch 1x (0,752,5mm²) e solid (alateral auxiliary switch 2x (0,752,5mm²), 1x 4mm²; front auxiliary switch 1x (0,752,5mm²) e stranded with core end processing lateral auxiliary switch 2x (0,752,5mm²), 1x 4mm²; front auxiliary switch 1x (0,752,5mm²) e stranded lateral auxiliary switch 2x (0,752,5mm²), 1x 4mm²; front auxiliary switch 1x (0,752,5mm²) type of electrical connection lateral auxiliary switch 2x (0,752,5mm²), 1x 4mm²; front auxiliary switch 1x (0,752,5mm²) type of electrical connection lateral auxiliary switch 2x (0,752,5mm²), 1x 4mm²; front auxiliary switch 1x (0,752,5mm²) type of electrical connection box terminal e for main current circut box terminal e for auxiliary contacts connection terminals Webeth beight 113 mm depth 113 mm depth 158 mm type of device fixed mounting e stening method Buitt-in unit fi	maximum	2/0			
initially stranded with core end processing stranded stranded stranded stranded stranded stranded stranded solid solid siteral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded with core end processing stranded with core end processing stranded str					
type of connectable conductor cross-sections for auxiliary contacts • solid	• solid	1x (16185mm²)			
type of connectable conductor cross-sections for auxiliary contacts solid sol	 finely stranded with core end processing 	1x (16150mm²)			
contacts • solid • solid • finely stranded with core end processing • finely stranded with core end processing • stranded • stranded • stranded • stranded • stranded • for main current circuit • for main current circuit • for auxiliary contacts • connection terminals Mochanical Design Height 178 mm width depth 158 mm type of device fastening method • 4-hole front mounting • 4-hole front mounting • 180 mounting • 190 g • 190 g • 190 g • minimum • 25 °C • minimum • maximum • for end processing lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² l	• stranded	1x (16185mm²)			
• finely stranded with core end processing • stranded • stranded • stranded • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) type of electrical connection • for main current circuit • for auxiliary contacts box terminal • for auxiliary contacts box terminals box t					
stranded 2,5mm² lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) type of electrical connection	• solid				
type of electrical connection	finely stranded with core end processing				
• for main current circuit • for auxiliary contacts connection terminals Mechanical Design height 178 mm width 113 mm depth 158 mm type of device fastening method fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight 1900 g Environmental conditions ambient temperature during operation • minimum • maximum - 25 °C ambient temperature during storage • minimum • minimum - 25 °C ambient temperature during storage • minimum • minimum - 25 °C ambient temperature during storage • minimum • minimum - 25 °C ambient temperature during storage • minimum • minimum - 25 °C 55 °C	• stranded				
• for auxiliary contacts Mechanical Design height 178 mm width 113 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes • 4-hole front mounting Yes • front mounting with central attachment No • rail mounting No net weight 1900 g Environmental conditions ambient temperature during operation • minimum -25 °C ambient temperature during storage • minimum • 25 °C ambient temperature during storage • minimum • 25 °C ambient temperature during storage • minimum • 25 °C • maximum 55 °C	type of electrical connection				
height 178 mm width 113 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes front mounting Yes front mounting No rail mounting net weight 1900 g Environmental conditions ambient temperature during operation minimum m	for main current circuit	box terminal			
height 178 mm width 113 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes • 4-hole front mounting Yes • front mounting with central attachment No • rail mounting No net weight 1 900 g Environmental conditions ambient temperature during operation • minimum -25 °C • maximum 55 °C ambient temperature during storage • minimum 55 °C	for auxiliary contacts	connection terminals			
width 113 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version e 4-hole front mounting Yes e front mounting with central attachment No e rail mounting No net weight 1900 g Environmental conditions ambient temperature during operation e minimum e maximum 55 °C ambient temperature during storage e minimum e maximum 55 °C	Mechanical Design				
depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes • 4-hole front mounting Yes • front mounting with central attachment No • rail mounting net weight 1900 g Environmental conditions ambient temperature during operation • minimum • maximum 55°C ambient temperature during storage • minimum • maximum -25°C ambient temperature during storage • minimum • maximum 55°C	height	178 mm			
type of device fixed mounting fastening method	width	113 mm			
fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • maximum • maximum • minimum • -25 °C ambient temperature during storage • minimum • -25 °C • maximum 55 °C	depth	158 mm			
fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • minimum • maximum 55°C ambient temperature during storage • minimum • -25°C ambient temperature during storage • minimum • 55°C	type of device	fixed mounting			
4-hole front mounting front mounting with central attachment rail mounting No net weight 1 900 g Environmental conditions ambient temperature during operation minimum maximum 55 °C ambient temperature during storage minimum -25 °C ambient temperature during storage minimum 55 °C	fastening method	Built-in unit fixed-mounted version			
4-hole front mounting front mounting with central attachment rail mounting No net weight 1 900 g Environmental conditions ambient temperature during operation minimum maximum 55 °C ambient temperature during storage minimum -25 °C ambient temperature during storage minimum 55 °C	·				
front mounting with central attachment rail mounting net weight I 900 g Environmental conditions ambient temperature during operation minimum maximum 55°C ambient temperature during storage minimum -25°C ambient temperature during storage minimum -25°C ambient temperature during storage maximum 55°C	-	Yes			
 ◆ rail mounting No net weight 1 900 g Environmental conditions ambient temperature during operation ◆ minimum ← 25 °C ◆ maximum 55 °C ambient temperature during storage ◆ minimum ← 25 °C ◆ maximum 55 °C 	-				
net weight Environmental conditions ambient temperature during operation • minimum • maximum 55°C ambient temperature during storage • minimum • maximum 55°C	S				
Environmental conditions ambient temperature during operation • minimum • maximum 55 °C ambient temperature during storage • minimum -25 °C • maximum 55 °C	*				
ambient temperature during operation • minimum • maximum 55 °C ambient temperature during storage • minimum -25 °C -25 °C • maximum 55 °C					
 minimum maximum 55 °C ambient temperature during storage minimum maximum 55 °C 					
 maximum ambient temperature during storage minimum maximum 55 °C 		-25 °C			
ambient temperature during storage					
 minimum -25 °C maximum 55 °C 					
• maximum 55 °C		-25 °C			
	General Product Approval		Declaration of Conformity		



Confirmation









other

Miscellaneous

Confirmation

Further information

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

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

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=3LD5410-0TK11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD5410-0TK11

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

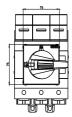
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD5410-0TK11

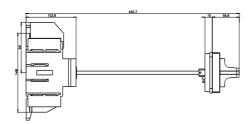
CAx-Online-Generator

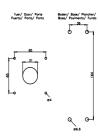
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications









last modified:

6/20/2023

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

3LD54100TK11