SIEMENS

Data sheet 3LD5410-0TL11



SENTRON, Molded case switch 3LD5 UL, Main switch, 4-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	4
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 400 V rated value at AC-3 at 690 V rated value	45 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 	No
 safety switch 	Yes
maintenance/repair switch	Yes
Product details	
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 attachable maximum	2
number of connectable NO contacts for auxiliary contacts attachable maximum	3
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	
conditional short-circuit current with line-side fuse protection	
conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value	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	50 kA 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	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	50 kA 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	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 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 12t 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 I2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum	50 kA 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 12t 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
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	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 12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • 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 12t value with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum 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 12t 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	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 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	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 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 12t 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 rated value operating voltage at AC at 50/60 Hz according to UL 489 rated	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 12t 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 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 60947-4-1 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 480 V according to UL 508/UL 60947-4-1 rated value	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 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
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 • 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 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 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
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 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 60 65 kA

height 178 mm width 151 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 2 400 g Environmental conditions ambient temperature during operation • minimum -25 °C ambient temperature during storage • minimum • and and a storage • minimum • and	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 3 • innimum 2 • maximum 2/0 type of connectable conductor cross-sections for copper conductor 1x (16185mm²) • stranded 1x (16185mm²) • belief 1x (16185mm²) • stranded 1x (16185mm²) • products 1ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0.75 2,5mm²) th 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) • stranded (0.75 2,5mm²) 1x 4mm²; front auxiliary switch 1x (2.5mm²) • for auxiliary contacts box terminal • for auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (2.5mm²) 1x 4mm²; front auxiliary switch 1x (2.5mm²) type of electrical connection 55 mm² • for auxiliary contacts 55 mm²		
A moximum 4/0 A WC number as coded connectable conductor cross sections olid 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 • finely stranded with core end processing • for main current circuit • for awiliary contacts **Type of electrical connection • for main current circuit • for awiliary contacts **Type of electrical connection • for familiary contacts **Type of electrical connection • for familiary contacts **Type of device fastening method 4		
solid according to UL 489 3 • minimum 4/0 AWG number as coded connectable conductor cross section solid according to CSA C22 No. 5-16		4/0
AWG number as coded connectable conductor cross section solid according to CSA C22 No. 5-16 • minimum • maximum 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 • stranded type of connectable conductor cross-sections for auxiliary contacts • solid • finely stranded with core end processing • stranded type of connectable conductor cross-sections for auxiliary contacts • solid • finely stranded with core end processing • stranded core in the core in th		
AWG number as coded connectable conductor cross section solid according to CSA C22.2 No. 5-16 - minimum - maximum type of connectable conductor cross-sections for copper conductor - solid - finely stranded with core end processing - stranded - solid	• minimum	3
solid according to CSA C22.2 No. 5-16	maximum	4/0
type of connectable conductor cross-sections for copper (x (16185mm²) (x (161		
type of connectable conductor cross-sections for copper conductor solid sinely stranded with core end processing stranded type of connectable conductor cross-sections for auxiliary contacts solid solid solid size a lauxiliary 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 stranded with core end processing stranded	• minimum	3
condid 1x (16185mm²) e finely stranded with core end processing 1x (16185mm²) e stranded 1x (16185mm²) type of connectable conductor cross-sections for auxiliary contacts ateral auxiliary switch 2x (0,752,5mm²), 1x 4mm²; front auxiliary switch 1x (0,752,5mm²) e solid (ateral auxiliary switch 2x (0,752,5mm²), 1x 2,5mm², 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 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 lateral auxiliary switch 2x (0,752,5mm²) type of e	maximum	2/0
• 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 • 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 switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • for main current circuit • for auxiliary contacts • connection terminals ### Match		
type of connectable conductor cross-sections for auxiliary contacts • solid • finely stranded with core end processing • stranded • str	• solid	1x (16185mm²)
type of connectable conductor cross-sections for auxiliary contacts solid solid slateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) stranded with core end processing stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x (2,5mm²) stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) type of electrical connection of or main current circuit for auxiliary contacts box terminal connection terminals vectorial depth 158 mm type of device fastening method fastening method fastening method seling metho	 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 • for main current circuit • for auxiliary contacts • connection terminals Mochanical Design Height • for auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² • for auxiliary contacts • connection terminals Mochanical Design Height • for auxiliary contacts • for device fastening method • 4-hole front mounting • 4-hole front mounting • 4-hole front mounting with central attachment • rail mounting netweight • auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² • for auxiliary switch 1x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² • for main current circuit • ox terminal • ox terminal • for main current circuit • for auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² • for auxiliary switch 1x 2,5mm² • terminal • for main current circuit • for auxiliary switch 1x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² • for auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² • for auxiliary	• stranded	1x (16185mm²)
• finely stranded with core end processing • stranded • stranded • stranded • stranded ilateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm², front auxiliary switch 1x 2,5mm² 2,5mm² ilateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x (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 • connection terminals ### Midth ### 151 mm ### depth ### 158 mm ### type of device ### fixed mounting ### fastening method • 4-hole front mounting • 4-hole front mounting • front mounting with central attachment • rail mounting with central attachment • rail mounting net weight ### 2 400 g ### Environmental conditions #### ambient temperature during operation • minimum • -25 °C • maximum ### ambient temperature during storage • minimum • -25 °C • minimum • minimum • minimum • -25 °C		
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 for main current circuit for auxiliary contacts Mochanical Design Height 178 mm width 151 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method 4-hole front mounting front mounting with central attachment No rail mounting net weight 2 400 g Environmental conditions ambient temperature during operation minimum maximum 25 °C ambient temperature during storage minimum -25 °C ambient maximum ambient emperature during storage minimum -25 °C ambient emperature during storage minimum -25 °C ambient emperature during storage minimum -25 °C	• 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 151 mm depth 158 mm type of device fixed mounting fastening method fastening method feathering method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight 2 400 g Environmental conditions ambient temperature during operation • minimum • maximum 55 ° C ambient temperature during storage • minimum • minimum • 25 ° C ambient temperature during storage • minimum • 25 ° C amaimmm • maximum 55 ° C	• stranded	
• for auxiliary contacts Mechanical Design height 178 mm width 151 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes • front mounting with central attachment No • rail mounting No net weight 2 400 g Environmental conditions ambient temperature during operation • minimum • maximum • 725 °C ambient temperature during storage • minimum • 25 °C amainum munimum • 55 °C	type of electrical connection	
height 178 mm width 151 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 2 400 g Environmental conditions ambient temperature during operation minimum	for main current circuit	box terminal
height 178 mm width 151 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 2 400 g Environmental conditions ambient temperature during operation • minimum -25 °C ambient temperature during storage • minimum • and and a storage • minimum • and	for auxiliary contacts	connection terminals
width 151 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version 4-hole front mounting Yes front mounting with central attachment No rail mounting No net weight 2 400 g Environmental conditions ambient temperature during operation maximum 55 °C ambient temperature during storage minimum min	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 2 400 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 attening method 4-hole front mounting front mounting with central attachment attachment rail mounting net weight Environmental conditions ambient temperature during operation maximum maximum minimum -25 °C ambient temperature during storage minimum -25 °C ambient temperature during storage minimum -25 °C maximum 55 °C	width	151 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 -25 °C ambient temperature during storage • minimum • -25 °C ambient temperature during storage • minimum • maximum -25 °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 2 400 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 2 400 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 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 2 400 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 -25 °C • 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 • maximum 55 °C	Environmental conditions	
 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

<u>Miscellaneous</u>

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=3LD5410-0TL11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD5410-0TL11

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

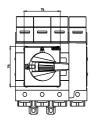
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD5410-0TL11

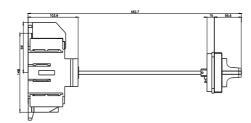
CAx-Online-Generator

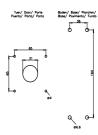
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications









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