## **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			
<ul> <li>at AC-23 A at 440 V rated value</li> </ul>	45 kW			
<ul> <li>at AC-23 A at 690 V rated value</li> </ul>	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	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	10 A
insulation voltage of the auxiliary switch rated value	500 V
Suitability	
suitability for use	
main switch	Yes
switch disconnector     SMEROSENOV OFF	Yes
EMERGENCY OFF switch     Perfect switch	No
<ul><li>safety switch</li><li>maintenance/repair switch</li></ul>	Yes Yes
Product details	165
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	3
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	5 7.5 mm
Short circuit conditional short-circuit current with line-side fuse protection	
Short circuit  conditional short-circuit current with line-side fuse protection  • at 440 V by gG fuse rated value	50 kA
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	
Short circuit  conditional short-circuit current with line-side fuse protection  • at 440 V by gG fuse rated value  • at 690 V by gG fuse rated value  let-through current with closed switch	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  • at 240 V for combination switch + gG fuse maximum	50 kA 50 kA 16 kA
Short circuit  conditional short-circuit current with line-side fuse protection  • at 440 V by gG fuse rated value  • at 690 V by gG fuse rated value  let-through current with closed switch	50 kA 50 kA
Short circuit  conditional short-circuit current with line-side fuse protection  • at 440 V by gG fuse rated value  • at 690 V by gG fuse rated value  let-through current with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum	50 kA 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	50 kA 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  I2t value with closed switch	50 kA 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  l2t value with closed switch  • at 240 V for combination switch + gG fuse maximum	50 kA 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  • 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	50 kA 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  design of the fuse link  • for short-circuit protection of the main circuit required	50 kA 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 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  output  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 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  • at 690 V for combination switch + gG fuse maximum  o at 690 V for combination switch + gG fuse maximum  design of the fuse link  • for short-circuit protection of the main circuit required  • for short-circuit protection of the auxiliary switch required  operational current of upstream fuse rated value	50 kA 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 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  o at 690 V for combination switch + gG fuse maximum  design of the fuse link  • for short-circuit protection of the main circuit required  • for short-circuit protection of the auxiliary switch required  operational current of upstream fuse rated value  according UL  operational current at AC according to UL 489/UL 60947-4-1	50 kA 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  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 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  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  • at 690 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  oat 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	50 kA 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  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  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	50 kA 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  • 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	50 kA 50 kA 16 kA 16 kA 15 kA  223 kA2.s 223 kA2.s 223 kA2.s 100 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  l2t value with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  design of the fuse link  • for short-circuit protection of the main circuit required  • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value  according UL  operational current at AC according to UL 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 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  100 A  480 V
conditional short-circuit current with line-side fuse protection	50 kA 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  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)           • stranded         1x (16185mm²)           • products         1x (16185mm²)           • finely stranded with core end processing         1x (16185mm²)           • finely stranded with core end processing         1ateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm²           • form lay stranded with core end processing         1ateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm²           • for auxiliary contacts         2,5mm² <th></th> <th></th> <th></th>					
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           Mochanical Design           178 mm           width         113 mm           depth         158 mm           type of device         fixed mounting           e stening method         Buitt-in unit fix	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	<ul> <li>finely stranded with core end processing</li> </ul>	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 conditions  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 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  later	• 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 • maximum 55 °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	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			
<ul> <li>◆ rail mounting</li> <li>No</li> <li>net weight</li> <li>1 900 g</li> <li>Environmental conditions</li> <li>ambient temperature during operation</li> <li>◆ minimum</li> <li>← 25 °C</li> <li>◆ maximum</li> <li>55 °C</li> <li>ambient temperature during storage</li> <li>◆ minimum</li> <li>← 25 °C</li> <li>◆ maximum</li> <li>55 °C</li> </ul>	-				
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					
<ul> <li>minimum</li> <li>maximum</li> <li>55 °C</li> <li>ambient temperature during storage</li> <li>minimum</li> <li>maximum</li> <li>55 °C</li> </ul>					
<ul> <li>maximum</li> <li>ambient temperature during storage</li> <li>minimum</li> <li>maximum</li> <li>55 °C</li> </ul>		-25 °C			
ambient temperature during storage					
<ul> <li>minimum</li> <li>-25 °C</li> <li>maximum</li> <li>55 °C</li> </ul>					
• 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=3LD5410-0TK11

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, ...)

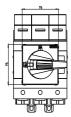
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD5410-0TK11

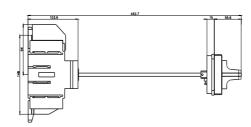
**CAx-Online-Generator** 

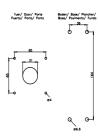
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications









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