SIEMENS

Data sheet 3LD5210-0TL11



SENTRON, Molded case switch 3LD5 UL, Main switch, 4-pole, certified according to UL489 UL60947-4-1 and IEC60947-3, UL: 60A, SCCR 50kA at 480VAC, Operating power at 480VAC 3-phase: 40hp, IEC: 63A, Operating power at AC-23A at 400V: 30kW, 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	black
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	2
mechanical service life (operating cycles) typical	100 000
electrical endurance (operating cycles)	
• at AC-23 A at 690 V	6 000
operating frequency maximum	50 1/h
degree of pollution	3
Voltage	
insulation voltage rated value	690 V
surge voltage resistance rated value	6 kV
operating voltage	
at AC rated value	690 V
operating frequency rated value	
• minimum	50 Hz
• maximum	60 Hz
Protection class	
protection class IP	IP65
degree of protection NEMA rating	1, 3R, 4X, 12
protection class IP on the front	IP65
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	7.5 W
Main circuit	
operational current	
• at AC-21 at 690 V rated value	63 A
• at AC-21 A at 240 V rated value	63 A
• at AC-21 A at 400 V rated value	63 A
• at AC-21 A at 440 V rated value	63 A

opening proter * at AC-23 A at 240 V rated value * at AC-23 A at 240 V rated value * at AC-23 A at 250 V rated value * at AC-23 A at 250 V rated value * at AC-23 A at 250 V rated value * at AC-23 A at 250 V rated value * at AC-33 at 450 V rated value * at AC-3 at AC-3 v rated value * a		
a AR AC 23 A at 400 V rated value at ARC 23 A at 400 V rated value at ARC 34 At 400 I rated value at ARC 34 At 400 V rated value at ARC 34 At 400 V rated value at ARC 34 At 600 V rated value at 600 V rated	operating power	
* at AC-23 A at 440 V rated value 37 kW * at AC-23 A at 690 V rated value 18.5 kW * at AC-33 At 690 V rated value 30 kW * at AC-3 at 690 V rated value 30 kW * Authorizing cleant * at AC-3 at 690 V rated value 30 kW * Authorizing cleant * at AC-3 at 690 V rated value 30 kW * Authorizing cleant * at AC-3 at 690 V rated value 30 kW * Authorizing cleant * at AC-3 at 690 V rated value 30 kW * Authorizing cleant * authorizing contacts for auxiliary contacts 0 * authorize of NC contacts for auxiliary contacts 0 * appearing voltage of auxiliary contacts 14 AC maximum 500 V * continuous current of the auxiliary contacts 140 km/s * anisability for use	 at AC-23 A at 240 V rated value 	18.5 kW
* at AC-3 at 4 600 V rated value * at AC-3 at 4 00 V rated value * at AC-3 at 4 00 V rated value * at AC-3 at 4 00 V rated value * at AC-3 at 4 00 V rated value * at AC-3 at 4 00 V rated value * at AC-3 at 4 00 V rated value * at AC-3 at 4 00 V rated value * at AC-3 at 4 00 V rated value * an AC-3 at 4 00 V rated value * accessories * an AC-3 at 4 00 V rated value * accessories * acce	 at AC-23 A at 400 V rated value 	30 kW
and AG-3 at 240 V rated value at AG-3 at 680 V rated value by AG-3 at 680 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 NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 noperating voltage of auxiliary contacts 10 A insulation voltage of the auxiliary contact rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage rate voltage voltage rate voltage rat	 at AC-23 A at 440 V rated value 	30 kW
and AC-3 at 400 V rated value at AC-3 at 400 V rated value 30 kW Auxiliary circian number of ICO contacts for auxiliary contacts 0 poeratiny voltage of auxiliary contacts at AC maximum 500 V continuous current of the auxiliary contact rated value 10 A number of ICO contacts for auxiliary contact rated value 10 A number of ICO contacts for auxiliary contact rated value 10 A number of ICO contacts for auxiliary contact rated value 10 A	• at AC-23 A at 690 V rated value	37 kW
Auxiliary circuit number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operating voltage of auxiliary contacts at AC maximum confinuous current of the auxiliary contact artied value substitutibility autibility auti	• at AC-3 at 240 V rated value	18.5 kW
Auxiliary circuit number of ICO contacts for auxiliary contacts 0 number of ICO contacts for auxiliary contacts 0 number of ICO contacts for auxiliary contacts 0 perating voltage of auxiliary contact at AC maximum 500 V continuous current of the auxiliary switch rated value 10 A nustation voltage of the auxiliary switch rated value 500 V Suitability auxiliarity for use • main switch • which disconnector • Yes • EMERCERCENCY OFF switch • which disconnector • EMERCERCENCY OFF switch • value for a switch • relative active a	 at AC-3 at 400 V rated value 	30 kW
number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operating voltage of auxiliary contacts at AC maximum operating voltage of auxiliary contacts at AC maximum operating voltage of auxiliary contact safe value solve operating voltage of auxiliary contact safe value solve situation voltage of the auxiliary switch rated value solve insulation voltage of the auxiliary switch rated value solve insulation voltage of the auxiliary switch rated value solve insulation voltage of the auxiliary switch rated value insulation voltage of the auxiliary switch rated value emain switch insulation voltage switch insulation voltage insulation ves insulatio		30 kW
number of NC contacts for auxiliary contacts unwher of NC contacts for auxiliary contacts operating voltage of auxiliary contacts at AC maximum source of the auxiliary contacts at AC maximum source of the auxiliary contact at AC maximum source of the auxiliary contact at AC maximum suitability for use main switch witch disconnector wi	Auxiliary circuit	
number of NO contacts for auxiliary contacts at AC maximum operating votage of auxiliary contacts at AC maximum operating votage of the auxiliary switch rated value insulation votage of the auxiliary switch rated value subshilty for use	number of CO contacts for auxiliary contacts	0
operating voitage of auxiliary contacts at AC maximum Continuous current of the auxiliary contact rated value Insulation voitage of the auxiliary switch rated value Sitability suitability for use — main switch — which disconnector — which disconnector — e.EMEROENCY OFF switch — switch disconnector — e.EMEROENCY OFF switch — safety switch — ves — remained product feature — product feature — odefeatable door-coupling handle product feature — voltage trigger — number of connectable NC contacts for auxiliary contacts attachable maximum — number of connectable NC contacts for auxiliary contacts attachable maximum — number of connectable NC contacts for auxiliary contacts attachable maximum — number of connectable NC contacts for auxiliary contacts attachable maximum — number of protected books maximum — at 440 V by G flues rated value — at 890 V for combination switch + gG flues maximum — at 440 V by G flues rated value — at 890 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440 V for combination switch + gG flues maximum — at 440	number of NC contacts for auxiliary contacts	0
continuous current of the auxiliary contact rated value Insulation votage of the auxiliary switch rated value S00 V Sintribility Sutibility for use - main switch - switch disconnector - kelkERGEROY OFF switch - switch disconnector - kelkERGEROY OFF switch - switch witch of the auxiliary switch - switch witch of the switch - safety switch - safety switch - was pecial product feature - product feature - product feature can be tocked into OFF position - yes - recessories - product destable - product feature can be tocked into OFF position - yes - votage trigger - number of connectable NC contacts for auxiliary contacts - who or drive - votage trigger - number of connectable NC contacts for auxiliary contacts - auxiliary beautiful	number of NO contacts for auxiliary contacts	0
Insulation votage of the auxiliary switch rated value Suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • yes • contact feature product feature can be locked into OFF position **Recessories* **Product feature can be locked into OFF position • seconsories **Product switch switch switch • safety switch • voltage trigger **No **No **No **No **No **No **No **	operating voltage of auxiliary contacts at AC maximum	500 V
suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety switch • yes Product details special product feature product feature product details special product feature product destails special product feature • No • Voltage trigger No number of connectable NC contacts for auxiliary contacts stateable maximum number of connectable NC contacts for auxiliary contacts stateable maximum number of connectable NC contacts for auxiliary contacts stateable maximum number of bracket locks maximum number of bracket locks maximum number of bracket locks maximum 1 hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by Groundination switch + gG fuse maximum • at 460 V by gG fuse rated value • at 860 V by gG fuse rated value • at 840 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 840 V for combination switch + gG fuse maximum • at 840 V for combination switch + gG fuse maximum • at 840 V for combination switch + gG fuse maximum • at 840 V for combination switch + gG fuse maximum • at 840 V for combination switch + gG fuse maximum • at 840 V for combination switch + gG fuse maximum • at 840 V for combination switch + gG fuse maximum • at 840 V for combination switch + gG fuse maximum • at 840 V for combination switch + gG fuse maximum • at 840 V for combinatio	continuous current of the auxiliary contact rated value	10 A
suitability for use main switch ewitch disconnector eMERGENCY OFF switch No earlety switch maintenance/repair switch Product details product feature product feature product feature and be locked into OFF position eccessorios product extension optional motor drive voltage frigger no No number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of pracket locks maximum number of pracket locks of the bracket locks 4 6 mm Short circuit conditional short-circuit current with line-side fuse protection earlet 440 V by gG fuse rated value eat 480 V by Gr combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum eat 690 V for combination switch + gG fuse maximum eat 690 V for combination switch + gG fuse maximum eat 690 V for combination switch + gG fuse maximum eat 690 V for combination switch + gG fuse maximum eat 690 V for combination switch + gG fuse maximum eat 690 V for combination switch + gG fuse maximum eat 690 V for combination switch + gG fuse maximum eat 690 V for combination switch + gG fuse maximum eat 690 V for combination switch + gG fuse maximum eat 690 V for combination switch + gG fuse maximum eat 690 V for combination switch + gG fuse maximum eat 690 V for combination s	insulation voltage of the auxiliary switch rated value	500 V
* main switch * switch disconnector * EMERIGENCY OFF switch * safety switch * safety switch * safety switch * maintenance/repair switch * remaintenance/repair switch * safety switch * safety switch * maintenance/repair switch * sepecial product feature product details * special product feature product exterior can be locked into OFF position * secossories * product exterior can be locked into OFF position * secossories * product exterior can be locked into OFF position * worldage trigger * No * voltage trigger * No * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * statistachable maximum * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of connectable NC contacts for auxiliary contacts * attachable maximum * number of bracket locks maximum * number of bracket locks maximum * number of bracket locks maximum * at 480 V by G fitus erated value * at 480 V by G fitus erated value * at 480 V by G combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + gG fituse maximum * at 480 V for combination switch + g	Suitability	
Switch disconnector EMERGENCY OFF switch Safety switch The maintenance/repair switch Product distables Special product feature product feature can be locked into OFF position Product destables Product destables Product destables Product destable navier can be locked into OFF position Product destables Product destables Product destables Product destables navier can be locked into OFF position Product destables navier can be locked into OFF position Product destables navier can be locked into OFF position Product destables navier can be locked into OFF position Product destables navier can be locked into OFF position Product destables navier can be locked into OFF position Product destables navier can be locked into OFF position Product destables navier can be locked into OFF position Product destable navier can be locked for auxiliary contacts attachable navier can be locked for auxiliary contacts attachable maximum Inumber of bracket locks maximum Inapp thickness of the bracket locks Short circuit Product destables navier can be locked for auxiliary contacts attachable maximum Inapp thickness of the bracket locks Short circuit 1 hasp thickness of the bracket locks Short circuit 1 hasp thickness of the bracket locks Short circuit 1 hasp thickness of the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circuit 1 the stable for the bracket locks Short circ	suitability for use	
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* safety switch Yes Yes ** * maintenance/repair switch Yes ** Product details* special product feature product feature and be locked into OFF position Yes ** Accessories* product extension optional ** * motor drive No	switch disconnector	Yes
maintenance/repair switch Product details special product feature can be locked into OFF position recessories product extension optional	EMERGENCY OFF switch	No
Product details special product feature product feature can be locked into OFF position Yes tccossories product extension optional motor drive voltage trigger No number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum number of bracket locks maximum 1 hasp thickness of the bracket locks 4 6 mm Short circuit conditional short-circuit current with line-side fuse protection at 440 V by gG fuse rated value 50 kA 1et-through current with closed switch at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum permissible 12t value with closed switch at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum at 480 V to product of the fuse fuse fuse fuse fuse fuse fuse fus	safety switch	Yes
special product feature product feature can be locked into OFF position Yes product version optional * motor drive * voltage trigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable OC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of bracket locks maximum ** at 440 V by gG fuse rated value ** at 690 V by gG fuse rated value ** at 440 V for combination switch + gG fuse maximum ** at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 460 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 4500 V for combination switch + gG fuse maximum at 460 V for combination switch + gG fuse maximum at 460 V for combination switch + gG fuse maximum at 460 V for combination switch + gG fuse maximum at 460 V for combination switch + gG fuse maximum at 460 V for combination switch + gG fuse maximum at 460 V for combination switch + gG fuse maximum at 460 V for combination switch + gG fuse maximum at 460 V for combination switch + gG fuse function for function function functi	maintenance/repair switch	Yes
product feature can be locked into OFF position coessories product extension optional morb of drive voltage trigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum at 440 V by gG fuse rated value et 440 V for combination switch + gG fuse maximum at 460 V for combination switch + gG fuse maximum permissible 12t value with closed switch at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse	Product details	
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attachable maximum number of bracket locks maximum 1 hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value 1 tet-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 460 V for combination switch + gG fuse maximum • at 480 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 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 maximu		3
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 890 V for combination switch + gG fuse maximum • at 890 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V fo		0
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 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 • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 value operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V	number of bracket locks maximum	1
conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 420 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum of fuse gL/gG: 63 A fuse gL/gG: 63 A fuse gL/gG: 10 A operational current of upstream fuse rated value 63 A 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 480 V	hasp thickness of the bracket locks	4 6 mm
at 440 V by gG fuse rated value at 690 V by gG fuse rated value et-through current with closed switch at 240 V for combination switch + gG fuse maximum at 460 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 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 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 short-circuit protection of the main circuit required fuse gL/gG: 63 A for short-circuit protection of the auxiliary switch required 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 value operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V	Short circuit	
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 let value with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse	conditional short-circuit current with line-side fuse protection	
let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 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 operational current of upstream fuse rated value 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 value operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V	• at 440 V by gG fuse rated value	50 kA
 at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch at 240 V for combination switch + gG fuse maximum at 240 V for combination switch + gG fuse maximum at 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 4 kA2.s design of the fuse link for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 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 value operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V 	• at 690 V by gG fuse rated value	50 kA
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 489/UL 60947-4-1 rated value operational current at AC according to UL 508/UL 60947-4-1 crated 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 480 V 	let-through current with closed switch	
• at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 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 • 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 coperating 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 480 V	• at 240 V for combination switch + gG fuse maximum	8 kA
permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • 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 • 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 goperational current at AC according to UL 508/UL 60947-4-1 ated 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 480 V	• at 440 V for combination switch + gG fuse maximum	8 kA
 at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum 24 kA2.s design of the fuse link for short-circuit protection of the main circuit required fuse gL/gG: 63 A for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 value operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V 		7 kA
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum 24 kA2.s design of the fuse link for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 489/UL 60947-4-1 rated value operational current at AC according to UL 508/UL 60947-4-1 operational current at AC according to UL 508/UL 60947-4-1 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 480 V 	I2t value with closed switch	
at 690 V for combination switch + gG fuse maximum design of the fuse link for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 value operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V 480 V	• at 240 V for combination switch + gG fuse maximum	30 kA2.s
design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 value operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V	• at 440 V for combination switch + gG fuse maximum	30 kA2.s
	• at 690 V for combination switch + gG fuse maximum	24 kA2.s
	design of the fuse link	
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 value operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V	• for short-circuit protection of the main circuit required	fuse gL/gG: 63 A
operational current at AC according to UL 489/UL 60947-4-1 for ated value operational current at AC according to UL 508/UL 60947-4-1 for ated 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 480 V 480 V	• for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 A
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 value operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V	operational current of upstream fuse rated value	63 A
operational current at AC according to UL 508/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V	according UL	
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 480 V		60 A
value operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V		60 A
operating voltage at AC at 50/60 Hz according to UL 508/UL 480 V		480 V
	operating voltage at AC at 50/60 Hz according to UL 508/UL	480 V

active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value	30
short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489	50 kA
continuous current of upstream fuse according to UL rated value	60 A
type of fuse according to UL	Class J
onnections	
AWG number as coded connectable conductor cross section solid	
• maximum	1
• minimum	12
AWG number as coded connectable conductor cross section solid according to UL 489	
• minimum	12
• maximum	1
AWG number as coded connectable conductor cross section solid according to CSA C22.2 No. 5-16	
• minimum	10
maximum	4
type of connectable conductor cross-sections for copper conductor	
• solid	1x (450mm²)
 finely stranded with core end processing 	1x (435mm²)
• stranded	1x (450mm²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
• finely stranded with core end processing	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 12 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	
for main current circuit	box terminal
for auxiliary contacts	connection terminals
echanical Design	
height	106 mm
width	96 mm
depth	408 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
4-hole front mounting	Yes
 front mounting with central attachment 	No
• rail mounting	Yes
net weight	800 g
nvironmental conditions	
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
General Product Approval	Declaration of Conformity



Confirmation









other

Confirmation

Miscellaneous

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=3LD5210-0TL11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD5210-0TL1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD5210-0TL11

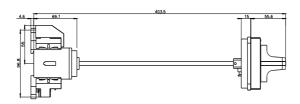
CAx-Online-Generator

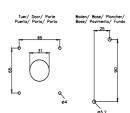
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications









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