SIEMENS

Data sheet 3LD2150-0TK13



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 3-pole, lu: 25 A, operating power / at AC-23 A 400 V: 9.5 kW, front-mounted, knob-operated mechanism, Red / yellow, central mounting 22.5 mm of the handle

Model			
product brand name	SENTRON		
product designation	3LD Switch disconnector		
design of the product	EMERGENCY-STOP switch		
display version / for switch position indicator manual operation	1 ON - 0 OFF		
design of the actuating element	selector switch		
design of handle	knob-operated mechanism, red/yellow		
type of the driving mechanism / motor drive	No		
General technical data			
number of poles	3		
type of device	fixed mounting		
type of switch	front mounted		
size of switch disconnector	2		
mechanical service life (switching cycles) / typical	100 000		
electrical endurance (switching cycles)			
• at AC-23 A / at 690 V	6 000		
I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum	4 kA2.s		
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	4 kA2.s		
operating frequency / maximum	50 1/h		
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 	1.1 W		
per conductor / typical	1 W		
Current			
operational current			
• at 40 °C / rated value	25 A		
• at 45 °C / rated value	25 A		
• at 50 °C / rated value	25 A		
• at 55 °C / rated value	25 A		

and AC-23 And Action Vir rated value 25 A A AC-21 / And 240 Vir rated value 25 A A AC-21 / And 240 Vir rated value 25 A A AC-21 And 240 Vir rated value 25 A A AC-21 And 240 Vir rated value 25 A A AC-21 And 240 Vir rated value 25 A B AC-21 And 240 Vir rated value 25 A B AC-21 And 240 Vir rated value 25 A B AC-21 And 240 Vir for combination switch + gG fuse / maximum eminisable witch + gG fuse / maximum permisable witch + gG fuse / gG fuse / maximum permisable witch + gG fuse / gG fuse / maximum permisable witch + gG fuse / gG fuse	-t A O /t	OF A
e at AC-21 At 860 V / Interd value 25 A e at AC-21 A / at 440 V / Interd value 25 A e at AC-21 A / at 440 V / Interd value 25 A external value 25 A perainoral current / or upstream fuse / rated value 25 A external value 36 A external	at AC / rated value	25 A
at AC-21 A/ at 440 V / rated value 25 A at AC-21 A/ at 440 V / rated value 25 A operational current / for Lopisteriam fuse / rated value 25 A let-through current / with closed switch at 440 V / for combination switch + gG fuse / maximum at 600 V / for combination switch + gG fuse / maximum permissible Main circuit operating power at AC-23 A / at 240 V / rated value 5 kW at AC-23 A / at 240 V / rated value 10 kW at AC-23 A / at 420 V / rated value 10 kW at AC-23 A / at 400 V / rated value 10 kW at AC-23 A / at 400 V / rated value 10 kW at AC-23 A / at 400 V / rated value 25 kW at AC-23 A / at 400 V / rated value 35 kW at AC-23 A / at 400 V / rated value 36 kW at AC-31 x / at 240 V / rated value 48 kW at AC-31 x / at 240 V / rated value 58 kW at AC-31 x / at 240 V / rated value 58 kW at AC-31 x / at 600 V / rated value 7.5 kW operational current / rated value 25 A Austiting circuit unumber of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating valuage of auxiliary contact		
e at AC-21 A/ at 440 V / rated value Jet-frough nument / orth patersom fixe / rated value Jet-frough nument / with closed switch e at 440 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at AC-23 A / at 240 V / rated value e at AC-23 A / at 240 V / rated value e at AC-23 A / at 400 V / rated value e at AC-31 A / at 400 V / rated value e at AC-31 at 400 V / rated value poerations of NO contacts / for auxiliary contacts number of XC contacts / for auxiliary contacts outside of XC contacts / for auxiliary contacts number of XC contacts / for auxiliary contacts outside of XC contacts / for auxiliary contacts outside of XC contacts / for auxiliary contacts		
Let-through current / with closed switch 25 A		
let-through current / with clased switch + at 440 V / for combination switch + gG fuse / axis with a season with the combination switch + gG fuse / axis with a season with the combination switch + gG fuse / axis with a season		
at 440 V / for combination switch + gG fuse / maximum at 800 V / for combination switch + gG fuse / maximum permissible Main circuit operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value 10 kW at AC-23 A / at 440 V / rated value 10 kW at AC-23 A / at 440 V / rated value 4 at AC-23 A / at 440 V / rated value 4 at AC-23 A / at 440 V / rated value 5 kW 4 at AC-31 at 240 V / rated value 4 kW 4 at AC-31 at 240 V / rated value 5 kW 4 at AC-31 at 690 V / rated value 5 kW 5 at AC-3 / at 690 V / rated value 7.5 kW 5 operational courret / rated value 7.5 kW 7.5 kW 7.5 kW 7.5 kW 7.5 kW 7.5 kW 9.7 kW	·	25 A
maximum		0.514
### ### #### #########################		3.5 KA
maximum permissible Main circuit		<i>Δ</i> kΔ
operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 400 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value 3 kW at AC-3 / at 240 V / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of VC contacts / for auxiliary contacts number of trace emain switch Yes emain switch Yes emain switch Yes emaintenance/repair switch Yes emaintenance/repair switch Yes Appearance cool / of the actualing element red Product details product feature e. an be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum emain for of ve evoltage trigger No No No evoltage trigger No No Sobrat-1 / rated value onditional short-circuit current / with line-side fuse product extension / optional emoin for ve evoltage trigger No 10 CS 25 A 600 V 600 V 600 V 600		TIVA
operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 400 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value 3 kW at AC-3 / at 240 V / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of VC contacts / for auxiliary contacts number of trace emain switch Yes emain switch Yes emain switch Yes emaintenance/repair switch Yes emaintenance/repair switch Yes Appearance cool / of the actualing element red Product details product feature e. an be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum emain for of ve evoltage trigger No No No evoltage trigger No No Sobrat-1 / rated value onditional short-circuit current / with line-side fuse product extension / optional emoin for ve evoltage trigger No 10 CS 25 A 600 V 600 V 600 V 600	Main circuit	
* at AC-23 A / at 400 V / rated value		
* at AC-23 A / at 400 V / rated value		5 kW
at AC-23 A / at 490 V / rated value at AC-23 A / at 590 V / rated value at AC-23 / at 490 V / rated value at AC-3 / at 490 V / rated value at AC-3 / at 490 V / rated value at AC-3 / at 690 V / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value suitability suitability suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch Appearance color / of the actualing element Product details Product details Product details Appearance		
at AC-23 A / at 890 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 490 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value 7.5 kW operational current / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC 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 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / rated value 10 A insulation voltage / of the auxiliary switch / rated value Sultability Sultability for use anian switch anian switch because / Yes after y switch anian switch because / Yes after y switch because / Yes after y switch because / Yes because / Yes because / Yes color / of the actuating element Product details product feature color / of the catuating element red Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum number of bracket locks / maximum and product extension / optional number of the bracket locks / maximum and the product of five No Short Lineur / At AC / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / 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	at AC-23 A / at 440 V / rated value	9.5 kW
at AC-3 / at 400 V / rated value 7.5 kW operational current / rated value 7.5 kW operational current / rated value 25 A Auxiliary circuit 25 A Auxiliary circuit 25 A number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 20 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary switch / rated value 500 V Suitability for us 500 V suitability for us 4 Yes 500 V e- main switch 4 Yes 5 Yes 6 Yes 6 Yes 6 Yes 6 Yes 7 Yes 6 Yes 7		
• at AC-3 / at 690 V / rated value		
• at AC-3 / at 690 V / rated value		
operational current / rated value 25 A Auxiliary circuit number of OC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / 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 for use • main switch Yes • with disconnector Yes • EMERGENCY OFF switch Yes • safety switch Yes • safety switch Yes • safety switch Yes • mainenance/repair switch Yes • and the actualing element • red • can be locked into OFF position • A mainenance/repair switch • Appearance • can be locked into OFF position • A mainenance/repair switch • Appearance • Color / of the actualing element • number of hacket locks / maximum • red • can be locked into OFF position • A mainenance/repair switch • Appearance • Color / of the actualing element • No • voltage trigger • No • Otto Armance • Office actualing element • No • Voltage trigger • No • Otto Armance • Office actualing		
Auxillary 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 continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Product details product details product details product feature • can be locked into OFF position / yes number of bracket locks / maximum / 2 hasp thickness / of the bracket locks / maximum / 4 mm hasp thickness / of the bracket locks / maximum / 6 mm product extension / optional • motor drive No • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value / so kA according UL operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power (pp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (pp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (pp) / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (pp) / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (pp) / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value source / of the auxiliary switch / rated value suitability suit		
number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contact / rated value 500 V continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary contact / rated value 500 V Suitability Suitability Suitability Wes • main switch Yes • switch disconnector Yes • safety switch Yes • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • color / of the actuating element red Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 4 mm product extension / optional • motor drive • voltage trigger • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		0
number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contacts / at AC / solve / so		
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • safety switch • maintenance/repair switch • respectively for the actuating element • can be locked into OFF position • and be lo		
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum a can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / at 60/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • safety switch • safety switch • maintenance/repair switch Yes • maintenance/repair switch Appearance color / of the actuating element Product detailis product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 4800 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
Suitability suitability for use • main switch • switch disconnector • safety switch • safety switch • maintenance/repair switch • red • maintenance/repair switch • red Product dotails product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value		300 V
main switch switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch maintenance/repair switch red Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse profection at 690 V / by gG fuse / rated value operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 150 00 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
Switch disconnector EMERGENCY OFF switch Safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature ocan be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum asp thickness / of the bracket locks / maximum masp thickness / of the bracket locks / maximum moduct extension / optional nontor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value operational current / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / 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 600 V / according to UL 508/UL 60947-4-1 / rated value	•	Voc
EMERGENCY OFF switch safety switch safety switch maintenance/repair switch Yes maintenance/repair switch Yes Appearance color / of the actuating element red Product details product feature safety for broket locks / maximum 2 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive notor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value service where it is a for the safe 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 450 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 400 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	• main swiich	
* safety switch * maintenance/repair switch Yes Appearance color / of the actuating element Product details product feature * can be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional * motor drive * voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection * at 690 V / by gG fuse / rated value operational current / at AC / at coording 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 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCR) / at 600 V / according 5 kA		
maintenance/repair switch Appearance color / of the actuating element red Product details product feature	switch disconnector	Yes
Appearance color / of the actuating element red Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm product extension / optional • motor drive No • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnectorEMERGENCY OFF switch	Yes Yes
color / of the actuating element red Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm product extension / optional • motor drive No • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnectorEMERGENCY OFF switchsafety switch	Yes Yes Yes
product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 460 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch 	Yes Yes Yes
product feature	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance	Yes Yes Yes Yes
ocan be locked into OFF position rumber of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value sprational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element 	Yes Yes Yes Yes
number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm product extension / optional	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details 	Yes Yes Yes Yes
hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum omotor drive ovoltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection omotor drive operational current / at AC / according to UL 508/UL operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature	Yes Yes Yes Yes Yes red
hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position	Yes Yes Yes Yes red Yes
product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum	Yes Yes Yes Yes Yes Yes 2
motor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum	Yes Yes Yes Yes Yes Yes red Yes 2 4 mm
■ voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection ■ at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum	Yes Yes Yes Yes Yes Yes red Yes 2 4 mm
Short circuit conditional short-circuit current / with line-side fuse protection ■ at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm
conditional short-circuit current / with line-side fuse protection ■ at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional motor drive	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No
protection	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger	Yes Yes Yes Yes red Yes 2 4 mm 6 mm No
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No
operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No
short-time withstand current (SCCR) / at 600 V / according to UL standard to UL short-time withstand current (SCCR) / at 600 V / according to UL standard to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL s	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No
508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL	Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No
508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No No
	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No No 50 kA
	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL	Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No No 10

continuous current / of upstream fuse / according to UL / rated value	50 A
type of fuse / according to UL	RK5
Number	
number of connectable NC contacts / for auxiliary contacts / attachable / maximum	2
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	2
number of connectable CO contacts / for auxiliary contacts / attachable / maximum	0
Connections	
AWG number / as coded connectable conductor cross section / solid	
• maximum	8
• minimum	14
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (1,516mm²)
 finely stranded / with core end processing 	1x (1,510mm²)
stranded	1x (1,516mm²)
type of connectable conductor cross-sections / for auxiliary contacts	
• solid	2x (0.75 2.5 mm²), 1x 4 mm²
 finely stranded / with core end processing 	2x (0.75 1.5 mm²), 1x 2.5 mm²
• stranded	2x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	
for main current circuit	box terminal
for auxiliary contacts	connection terminals
Requirements	
design of the fuse link	
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 25 A
for short-circuit protection of the auxiliary switch / required	fuse gL/gG: 10 A
Mechanical Design	
height	66 mm
width	49 mm
depth	113.5 mm
fastening method	Built-in unit fixed-mounted version
fastening method	
4-hole front mounting	No
front mounting with central attachment	Yes
• rail mounting	No
net weight	186 g
Environmental conditions	
ambient temperature / during operation	05.00
• minimum	-25 °C
maximum ambient temperature / during storage / minimum	55 °C
ambient temperature / during storage / minimum	-25 °C
General Product Approval	



Confirmation







Miscellaneous

General Product Approval	Declaration of Conformity	Test Certificates	Marine / Shipping













Marine / Shipping

other



Environmental Confirmations **Miscellaneous**

Further information

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=3LD2150-0TK13

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2150-0TK13

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2150-0TK13

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications









