SIEMENS

Data sheet 3LD3150-0TK13



Load disconnector 3LD3, lu 25 A Main switch 3-pole Rated operating capacity at AC-23 A at 400V 9.0kW Front plate mounting Basic switch with Central hole mounting 22.5mm Toggle drive red / yellow 48x48 mm

Model	
product brand name	SENTRON
product designation	Switch disconnector
design of the product	EMERGENCY-STOP switch
	1 ON - 0 OFF
display version for switch position indicator manual operation type of switch	front mounted
•	
design of the actuating element	selector switch red
color of the actuating element	
design of handle	knob-operated mechanism, red/yellow
type of the driving mechanism motor drive	No
General technical data	
number of poles	3
number of poles note	3
mechanical service life (operating cycles) typical	100 000
electrical endurance (operating cycles)	
• at AC-23 A at 690 V	6 000
operating frequency maximum	50 1/h
degree of pollution	3
Voltage	
insulation voltage rated value	690 V
surge voltage resistance rated value	6 kV
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	1.1 W
Main circuit	
operational current	
• at AC-21 at 690 V rated value	25 A
• at AC-21 A at 240 V rated value	25 A
• at AC-21 A at 400 V rated value	25 A
• at AC-21 A at 440 V rated value	25 A
• at AC-23 A at 400 V rated value	20 A

opening proter * at AC-23 A at 400 V rated value * at AC-23 A at 400 V rated value * at AC-23 A at 400 V rated value * at AC-23 A at 400 V rated value * at AC-23 A at 400 V rated value * at AC-23 A at 400 V rated value * at AC-33 at 400 V rated value * at AC-33 at 400 V rated value * at AC-33 at 400 V rated value * at AC-3 at 400 V rated value *		
a Al AC 23 A at 400 V Intels value b Al AC 23 A at 400 V Intels value c Al AC 23 A at 400 V Intels value b Al AC 23 A at 400 V Intels value c Al AC 34 A 400 V Intels value b Al AC 34 A 400 V Intels value c AL AC 34 A 400	operating power	
* at AC-23 A at 440 V rated value 9 kW 9 kW 1 at AC-32 A at 600 V rated value 9 kW 9 kW 1 at AC-32 A at 600 V rated value 8 kW 1 kW 1 at AC-32 A at 600 V rated value 8 kW 9 kW 1 at AC-32 A at 600 V rated value 7.5 kW 1 kW 1 kW 1 kW 2 kW 2 kW 2 kW 2 kW 2		
	 at AC-23 A at 400 V rated value 	10 kW
and AC-3 at 249 V rated value at AC-3 at 2690 V rated value at AC-3 at 2690 V rated value and AC-3 at 2690 V rated value To Autoritary circuit author of OC contacts for auxiliary contacts 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
and AC-3 at 400 V rated value at AC-3 at 400 V rated value 7.5 kW Auxiliary circum number of ICO contacts for auxiliary contacts 0 poeratiny voltage of auxiliary contacts 10 A poeratiny voltage of 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 	9 kW
Auxiliary circuit number of CO conacts for auxiliary contacts number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 operating voltage of auxiliary contacts at AC maximum confinuous current of the auxiliary contact at the Value Insulation voltage of the auxiliary switch rated value 500 V Sustability	 at AC-3 at 240 V rated value 	
Auxiliary circuit number of ICO contacts for auxiliary contacts number of ICO contacts for auxiliary contacts number of ICO contacts for auxiliary contacts 0 perating voltage of auxiliary contact at AC maximum 500 V continuous current of the auxiliary sontact rated value 10 A mustadino voltage of the auxiliary switch rated value 500 V Suitability suitability for use • main switch • which disconnector • Yes • Suitability • which disconnector • EMERCERCENCY OFF switch • waith disconnector • Yes • Suitability • auxiliary switch • validy switch • relative and the auxiliary switch • validy switch • relative and the auxiliary switch • validy switch • validage trigger No **Coccessories **Product details **Committee of contacts for auxiliary contacts • attachable maximum **Incumber of contacts and contacts for auxiliary contacts • attachable maximum **Incumber of contacts local Contacts for auxiliary contacts • attachable maximum **Incumber of contacts local contacts for auxiliary contacts • attachable maximum **Incumber of contacts local contacts for auxiliary contacts • attachable maximum **Incumber of contacts local contacts for auxiliary contacts • attachable maximum **Incumber of contacts local contacts for auxiliary contacts • attachable maximum **Incumber of contacts local contacts for auxiliary contacts • attachable maximum **Incumber of contacts local contacts for auxiliary contacts • attachable maximum **Incumber of contacts local contacts for auxiliary contacts • attachable maximum **Incumber of contacts local contacts for auxiliary contacts • attachable maximum **Incumber of contact local contacts for auxiliary contacts • attachable maximum **Incumber of contact local contacts for auxiliary contacts • attachable maximum **Incumber of contact local contacts for auxiliary contacts • attachable maximum **Incumber of contact local contacts for auxiliary contacts • attachable maximum **Incumber of	 at AC-3 at 400 V rated value 	8 kW
number of NC contacts for auxiliary contacts		7.5 kW
number of NC contacts for auxiliary contacts Operating voltage of auxiliary contacts at AC maximum Sou V continuous current of the auxiliary contact at AC maximum Sou V suitability for use • main switch • witch disconnector • EMERGENOV OFF switch • allow switch • animeton-ancerepair switch • animeton-ancerepair switch • main experiment of the auxiliary switch rated value Special product feature product datablas special product feature product feature can be locked into OFF position • vice special product feature product extension optional • motor drive • vicing triping 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 prometable NC contacts for auxiliary contacts attachable maximum number of prometable NC contacts for auxiliary contacts attachable maximum number of prometable NC contacts for auxiliary contacts attachable maximum number of prometable 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 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 attachab	Auxiliary circuit	
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operating voitage of auxiliary contacts at AC maximum 500 V Continuous current of the auxiliary contact rated value 500 V Sintability suitability for use - main switch - ewitch disconnector Yes - emin switch - yes -	·	
continuous current of the auxiliary contact rated value Insulation voltage of the auxiliary switch rated value Since bility Surtibility Surtibility for use - main switch - switch disconnector - kelkERGEROY OFF switch - safety switch - switch witch wit	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 • safety switch • safety switch • votage trigger • number of connectable NC contacts for auxiliary contacts • statichable maximum • number of pronectable NC contacts for subiliary contacts • statichable maximum • number of practect locks maximum • safety switch • safety by g five safety switch • safety by g five safety value • safety by g five safety valu	operating voltage of auxiliary contacts at AC maximum	500 V
suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • yes • maintenance/repair switch • Yes Product details special product feature product feature product details 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 2 hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by G fuse rated value • at 680 V by gG fuse rated value • at 680 V by gG fuse rated value • at 680 V by gG fuse rated value • at 680 V by gG fuse rated value • 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 680 V by G combination switch + gG fuse maximum • at 880 V for combination switch + gG fuse maximum • at 880 V for combination switch + gG fuse maximum • at 880 V for combination switch + gG fuse maximum • at 880 V for combination switch + gG fuse maximum • at 880 V for combination switch + gG fuse maximum • at 880 V for combination switch + gG fuse maximum • at 880 V for combination switch + gG fuse maximum • at 880 V for combination switch + gG fuse maximum • at 880 V for combination switch + gG fuse maxim	continuous current of the auxiliary contact rated value	10 A
suitability for use * main switch * awaitch disconnector * EMERGENCY OFF switch * and switch * and switch * maintenance/repair switch * product feature * Can be locked in zero position * product feature can be locked into OFF position * product extension optional * motor drive * voltage trigger * No * voltage trigger * No * unumber of connectable NC contacts for auxiliary contacts * attachable maximum * number of pracket locks maximum * attachable maximum	insulation voltage of the auxiliary switch rated value	500 V
* main switch * switch disconnector * EMERIGENCY OFF switch * safely switch * safely switch * maintenance/repair switch * maintenance/repair switch * safely switch * maintenance/repair switch * safely switch * maintenance/repair switch * safely switch * safely switch * maintenance/repair switch * special product feature product details * special product feature product stears on potional * motor drive * voltage trigger * No * voltage trigger * No * number of connectable NC contacts for auxiliary contacts * statischable maximum * number of connectable NC contacts for auxiliary contacts * statischable maximum * number of connectable NC contacts for auxiliary contacts * statischable maximum * number of connectable NC contacts for auxiliary contacts * statischable maximum * number of connectable NC contacts for auxiliary contacts * statischable maximum * number of connectable NC contacts for auxiliary contacts * statischable maximum * number of connectable NC contacts for auxiliary contacts * statischable maximum * number of connectable NC contacts for auxiliary contacts * statischable maximum * number of connectable NC contacts for auxiliary contacts * statischable maximum * number of bracket locks maximum * statischable maximum *	Suitability	
Switch disconnector EMERGENCY OFF switch Safety switch The maintenance/repair switch Teach and the safety switch and the safety switch required Teach and	suitability for use	
EMERGENCY OFF switch safety switch safety switch maintenance/regar switch Product datalis Special product feature product feature can be locked into OFF position Yes **Recessories** **Product extension optional motor drive voltage trigger none-catale No contacts for auxiliary contacts attachable maximum number of connectable No contacts for auxiliary contacts attachable maximum number of connectable No contacts for auxiliary contacts attachable maximum number of connectable No contacts for auxiliary contacts attachable maximum number of connectable No contacts for auxiliary contacts attachable maximum number of connectable No contacts for auxiliary contacts attachable maximum number of bracket locks maximum 2 **Recessories** **Recessories** **In accessories** **In accessor	• main switch	Yes
* safety switch Yes ** * maintenance/repair switch Yes ** Product dotals* special product feature product feature are be locked into OFF position Yes ** Accessories* product extension optional • motor drive No	 switch disconnector 	Yes
Product feature can be locked into OFF position groduct feature can be locked into OFF position Yes **Cocsports** product feature can be locked into OFF position **Tools of this product feature can be locked into OFF position **Tools of this product extension optional **Tools of connectable in Connectable No contacts for auxiliary contacts **Tools of connectable No contacts for auxiliary contacts **Tools of the maximum **Inumber of connectable NO contacts for auxiliary contacts **Tools of the maximum **Inumber of connectable NO contacts for auxiliary contacts **Tools of the maximum **Inumber of connectable NO contacts for auxiliary contacts **Tools of the maximum **Inumber of the product for auxiliary contacts **Tools of the bracket locks **Inumber of connectable NO contacts for auxiliary contacts **Tools of the bracket locks **Inumber of connectable NO contacts for auxiliary contacts **Tools of the fuse rated value **Tools of the fuse rated value **Tools of the fuse Inin **Tool	EMERGENCY OFF switch	Yes
Product details special product feature product feature can be locked into OFF position Yes tecessories 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 CO 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 2 has pitickness 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 at 480 V by GG fuse rated value at 480 V for combination switch + gG fuse maximum at 480 V for combination switch + g	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 CO 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 * at 690 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 function for function for function functio	maintenance/repair switch	Yes
product feature can be locked into OFF position coessories product extension optional morbor 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 NC contacts for auxiliary contacts attachable maximum number of bracket locks maximum at 440 V by gG fuse rated value et-through current with diosed switch at 240 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum permissible 12t value with closed switch at 440 V for combination switch + gG fuse maximum at 480 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	Product details	
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product extension optional • motor drive • voltage trigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NO 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 number of bracket locks maximum 2 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 690 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 490 V for combination switch + gG fuse maximum • at 490 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 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	product feature can be locked into OFF position	Yes
• 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 CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum number of bracket locks maximum 2 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 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 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 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 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 fuse fuse fuse fuse fuse fuse fuse	accessories	
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attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum 2 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 • at 690 V by gG fuse rated value • at 490 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 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 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 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 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 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 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse fuse fuse fuse fuse fuse fuse fuse	voltage trigger	No
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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 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 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 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 • 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 25 A 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 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1	number of bracket locks maximum	2
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 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum permissible 12t value with closed switch • 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 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 42.s • at 690 V for combination switch + gG fuse maximum • fuse gL/gG: 25 A • for short-circuit protection of the main circuit required • fuse gL/gG: 10 A operational current of upstream fuse rated value 25 A 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 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1	hasp thickness of the bracket locks	4 6 mm
 at 440 V by gG fuse rated value at 6kA let-through current with closed switch at 240 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 490 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 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 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 circuit	
at 690 V by gG fuse rated value et-through current with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 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 442 s at 690 V for combination switch + gG fuse maximum be for short-circuit protection of the main circuit required af 690 V for combination switch + gG fuse maximum at 442 s be at 690 V for combination switch + gG fuse maximum be for short-circuit protection of the main circuit required according UL operational current of upstream fuse 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 508/UL 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1	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 l2t 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 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 25 A 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 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1	• at 440 V by gG fuse rated value	10 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 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 4 kA2.s 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 508/UL 60947-4-1 rated value operational current 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 	• at 690 V by gG fuse rated value	6 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 4 kA2.s 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 fuse gL/gG: 25 A for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 25 A 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 	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 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 at 690 V for short-circuit protection of the auxiliary switch required at 690 V for short-circuit protection of the auxiliary switch required according UL operational current of upstream fuse 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 508/UL 60047-4-1 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	• at 240 V for combination switch + gG fuse maximum	3.5 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 • 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 25 A 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 15	• at 440 V for combination switch + gG fuse maximum	3.5 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 4 kA2.s 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 operational current of upstream 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 15 		4 kA
 at 440 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 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 60947-15 	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 fuse gL/gG: 25 A for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 25 A 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 60947-15 	• at 240 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 25 A 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- active power [hp] at AC at 600 V according to UL 508/UL 60947- 15	• at 440 V for combination switch + gG fuse maximum	4 kA2.s
● 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 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 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 active power [hp] at AC at 600 V according to UL 508/UL 60947-15	• at 690 V for combination switch + gG fuse maximum	4 kA2.s
	design of the fuse link	
operational current of upstream 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- 15	• for short-circuit protection of the main circuit required	fuse gL/gG: 25 A
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- 15	• for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 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 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- 15	<u> </u>	25 A
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- 15	according UL	
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- 15		25 A
4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 60947-		600 V
		10
	active power [hp] at AC at 600 V according to UL 508/UL 60947-	15

short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1	5 kA
continuous current of upstream fuse according to UL rated value	50 A
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid	
• maximum	6
• minimum	14
type of connectable conductor cross-sections for copper conductor	
• solid	1x (2.5 to 16 mm²)
 finely stranded with core end processing 	1x (2.516 mm²)
• stranded	1x (2.5 to 16 mm²)
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 	Box terminals
Mechanical Design	
height	60 mm
width	36 mm
depth	114 mm
type of device	fixed mounting
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	200 g
Environmental 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 Environment

<u>Confirmation</u> <u>Miscellaneous</u> <u>Environmental Confirmations</u>

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=3LD3150-0TK13

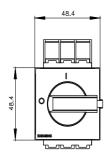
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3150-0TK13

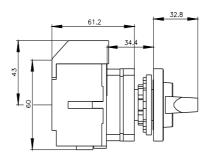
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3150-0TK13

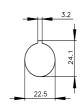
CAx-Online-Generator

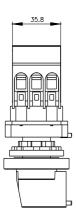
Tender specifications

http://www.siemens.com/specifications









last modified:

6/20/2023