SIEMENS

Data sheet 3LD2318-3VK13



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 6- pole, lu: 160 A, operating power / at AC-23 A 400 V: 75 kW, floor mounting with door coupling, knob-operated mechanism, red/yellow, 4-hole mounting of the handle

Model	
product brand name	SENTRON
product designation	Switch disconnector
design of the product	EMERGENCY-STOP switch
display version for switch position indicator manual operation	1 ON - 0 OFF
type of switch	Floor mounting with door coupling
design of the actuating element	selector switch
color of the actuating element	red
design of handle	knob-operated mechanism, red/yellow
type of the driving mechanism motor drive	No
General technical data	
number of poles	6
size of switch disconnector	5
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	8 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	36 W
Main circuit	
operational current	
at AC-21 at 690 V rated value	160 A
• at AC-21 A at 240 V rated value	160 A
• at AC-21 A at 400 V rated value	160 A
• at AC-21 A at 440 V rated value	160 A

e al AL-23 A all 240 V Index value 75 kW 75 kW e al AL-23 A all 240 V Index value 75 kW e al AL-23 A all 240 V Index value 75 kW e al AL-23 A all 240 V Index value 75 kW e al AL-23 A all 240 V Index value 95 kW e al AL-23 A all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 all 240 V Index value 95 kW e al AL-23 kW e all 240 V Index value 95 kW e al	-t A C 00 A -t 400 Vt dl	400 A
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e if AC-23 A at 400 V rated value 75 kW 9 e AC-23 A at 400 V rated value 5 kW 9 e AC-23 A at 600 V rated value 5 kW 9 e AC-23 A at 600 V rated value 5 kW 9 e AC-23 A at 600 V rated value 5 kW 9 e AC-23 kW 9 e AC-2		75 114
e al AC-23 A at 440 V raied value		
e al AC-3 at 48 90 V rated value		
of AC-3 at 240 V rated value of AC-3 at 260 V rated value of Accident Acci		
e at AC-3 at 400 V rated value		
and ACS at 890 V rated value Auxiliary circuit number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts at Comaximum solo V continuous current of the auxiliary contact at AC maximum solo V continuous current of the auxiliary contact at AC maximum solo V continuous current of the auxiliary contact at AC maximum suitability for use main switch Yes suitability for use main switch ves suitability for use switch disconnector Yes suitability for use safety switch suitability for use safety switch suitability for use safety switch suitability for use maintenance/repair switch Yes suitability for use maintenance/repair switch Yes Product details product extension optional noted office No notage frigger No number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum 18		
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continuous current of the auxiliary contact rated value insulation voltage of the auxiliary switch rated value 500 V Suitability suitability for use main switch Suitability for use switch disconnector Yes Suitability for use switch disconnector Yes Suitability for use saint switch Yes Suitability Suitability Suitability Suitability Product details Product details Product extension optional **Monor of the switch switch **No **No **No **No **No **No **No **N	number of NO contacts for auxiliary contacts	0
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Sultability for use small switch Sultability for use SMERGENCY OFF switch Sultability for use safety switch Yes Sultability for use maintenance/repair switch Yes Product details Product details Product details Product extension optional SMERGENCY OFF switch SMERGE	continuous current of the auxiliary contact rated value	10 A
suitability for use main switch yes suitability for use SMERCENCY OFF switch yes suitability for use MERCENCY OFF switch yes suitability for use safety switch yes suitability for use safety switch Yes Product detatis product feature can be locked into OFF position **ccessories** product extension optional **motor drive **voltage trigger No number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of tracket locks maximum 3 hasp thickness of the bracket locks **A 6 mm Short circuit conditional short-circuit current with line-side fuse protection **a 1590 V by GG fuse rated value **a 1500 V by GG fuse rated value **a 1500 V for combination switch + gG fuse maximum **a 1500 V for combination switch	insulation voltage of the auxiliary switch rated value	500 V
suitability for use switch disconnector yes suitability for use EMERGENCY OFF switch Yes suitability for use maintenance/repair switch Yes Product details product feature can be locked into OFF position Yes **Cosports** **Product details** product stature can be locked into OFF position **Product details** product stature can be locked into OFF position **No **No	Suitability	
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suitability for use maintenance/repair switch Product details product extension optional	suitability for use EMERGENCY OFF switch	Yes
Product details product feature can be locked into OFF position * motor drive No * voltage trigger No number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of tracket locks maximum 3 hasp thickness of the bracket locks maximum 3 hasp thickness of the bracket locks 4 6 mm Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value 1et-through current with closed switch • at 240 V for combination switch + gG fuse maximum 15 kA at 890 V for combination switch + gG fuse maximum 4 at 440 V for combination switch + gG fuse maximum 15 kA 15 kA2.s 12 Value with closed switch • at 240 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 186 kA2.s • at 440 V for combination	suitability for use safety switch	Yes
product feature can be locked into OFF position Cossories	suitability for use maintenance/repair switch	Yes
product extension optional	Product details	
product extension 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 CO contacts for auxiliary contacts attachable maximum number of bracket locks defense short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum permissible lizt 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 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 fuse fuse fuse fuse fuse fuse fuse	product feature can be locked into OFF position	Yes
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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 Ma	motor drive	No
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 namber of bracket locks maximum namber of bracket locks defined by the contact of the protection attachable maximum number of bracket locks defined by the conditional short-circuit current with line-side fuse protection at 690 V by G fuse rated value 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 440 V for combination switch at 440 V for combination swi	 voltage trigger 	No
attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum 3 hasp thickness of the bracket locks		3
attachable maximum number of bracket locks maximum 1 hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value 15 kA let-through current with closed switch • at 240 V for combination switch + gG fuse maximum 15 kA • at 440 V for combination switch + gG fuse maximum 2 at 440 V for combination switch + gG fuse maximum 2 at 440 V for combination switch + gG fuse maximum 2 at 240 V for combination switch + gG fuse maximum 3 at 240 V for combination switch + gG fuse maximum 4 at 240 V for combination switch + gG fuse maximum 5 kA 185 kA2.s 186 kA2.s 187 kA2.s 188 kA2.s 188 kA2.s 189 kA2.s 180 kA2.s		5
hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value • at 240 V for combination switch + gG fuse maximum • at 4690 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 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 • 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 • fuse gL/gG: 10 A • operational current of upstream fuse rated value cocording 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		0
Conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value • 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 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 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 main circuit required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circu	number of bracket locks maximum	3
conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum 15 kA • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 690 V for combination switch + gG fuse maximum 185 kA2.s • at 690 V for combination switch + gG fuse maximum 185 kA2.s • at 690 V for combination switch + gG fuse maximum 185 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 60947-4-1 rated value	hasp thickness of the bracket locks	4 6 mm
protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum at 85 kA2.s • at 440 V for combination switch + gG fuse maximum 185 kA2.s • at 490 V for combination switch + gG fuse maximum 185 kA2.s • at 690 V for combination switch + gG fuse maximum 185 kA2.s • at 690 V for combination switch + gG fuse maximum 185 kA2.s design of the fuse link • for short-circuit protection of the main circuit required • fuse gL/gG: 160 A • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value according 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 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	Short circuit	
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 • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V 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 • for short-circuit protection of the auxiliary switch required • poperational current at AC according to UL 508/UL 60947-4-1 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 600 V according to UL 508/UL 60947-4-1 rated value		
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 bermissible 15 kA 15 kA 15 kA 15 kA 15 kA 16 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 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 be 185 kA2.s design of the fuse link for short-circuit protection of the main circuit required fuse gL/gG: 160 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 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 690 V by gG fuse rated value	50 kA
at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 485 kA2.s at 690 V for combination switch + gG fuse maximum at 85 kA2.s design of the fuse link af or short-circuit protection of the main circuit required af 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 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 400 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 active power [hp] at AC at 400 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 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 455 kA2.s at 690 V for combination switch + gG fuse maximum at 55 kA2.s being of the fuse link af 670 short-circuit protection of the main circuit required af 670 Fuse further circuit protection of the auxiliary switch required being of the fuse gL/gG: 160 A fuse gL/gG: 160 A fuse gL/gG: 10 A coperational current of upstream fuse rated value according UL coperational current at AC according to UL 508/UL 60947-4-1 rated value coperating 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 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	15 kA
Izt value with closed switch	• at 440 V for combination switch + gG fuse maximum	15 kA
at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum 185 kA2.s design of the fuse link for short-circuit protection of the main circuit required fuse gL/gG: 160 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 rated value 50 60947-4-1 rated value	•	15 kA
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum l85 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 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 508/UL 60947-4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 500/947-4-1 rated value 	I2t value with closed switch	
at 690 V for combination switch + gG fuse maximum design of the fuse link of or short-circuit protection of the main circuit required fuse gL/gG: 160 A fuse gL/gG: 10 A operational current of upstream fuse rated value descording 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 50 60947-4-1 rated value	• at 240 V for combination switch + gG fuse maximum	185 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 160 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 50 60947-4-1 rated value	• at 440 V for combination switch + gG fuse maximum	185 kA2.s
• 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 • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the main circuit required fuse gL/gG: 10 A 160 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 50 50	• at 690 V for combination switch + gG fuse maximum	185 kA2.s
● 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 operating voltage 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 508/UL 60947-4-1 rated value	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 600 V 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 508/UL 60947-4-1 rated value	 for short-circuit protection of the main circuit required 	fuse gL/gG: 160 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 50 50	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 60947-4-1 rated value 50 50	operational current of upstream fuse rated value	160 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 60947-4-1 rated value 50	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 60947-4-1 rated value 50		180 A
active power [hp] at AC at 600 V according to UL 508/UL 500947-4-1 rated value 50		600 V
60947-4-1 rated value		75
short-time withstand current (SCCR) at 600 V according to 10 kA	60947-4-1 rated value	50
	short-time withstand current (SCCR) at 600 V according to	10 kA

UL 508/UL 60947-4-1	
continuous current of upstream fuse according to UL rated value	200 A
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid maximum	
•	1
•	4/0
type of connectable conductor cross-sections for copper conductor	
• solid	1x (16185mm²)
 finely stranded with core end processing 	1x (16150mm²)
• stranded	1x (16185mm²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
finely stranded with core end processing	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm²
• stranded	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
type of electrical connection	
for main current circuit	box terminal
 for auxiliary contacts 	connection terminals
Mechanical Design	
height	168 mm
width	224 mm
depth	106 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	Yes
 front mounting with central attachment 	No
rail mounting	No
net weight	4 664 g
Environmental conditions	
ambient temperature during operation	
• minimum	-25 °C
maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
Approvals Certificates	
Conoral Product Approval	EMV

General Product Approval

EMV



Confirmation









Marine / Shipping

other

Environment







Confirmation

Miscellaneous

Environmental Confirmations

Industrial Communication



Further information

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)

 $\underline{https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2318-3VK13}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2318-3VK13

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

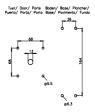
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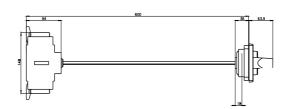
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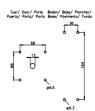
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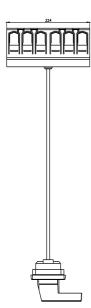
Tender specifications

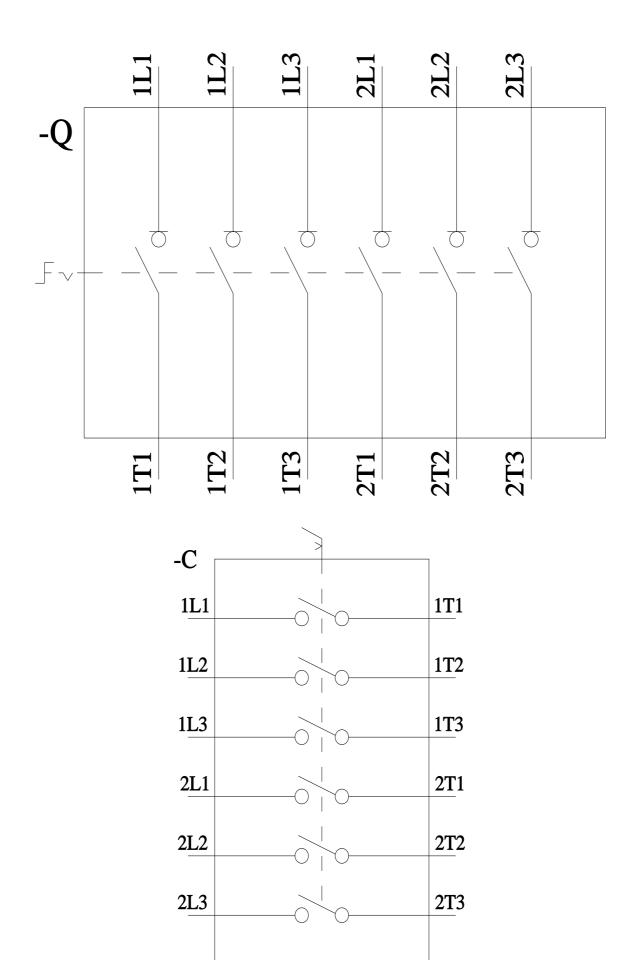
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