SIEMENS

Data sheet

3LD2814-0TK51



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 125 A, Operating power / at AC-23 A at 400 V: 45 kW, floor mounting with door coupling, rotary operating mechanism, black, 4-hole mounting of the handle

Model		
product brand name	SENTRON	
product designation	Switch disconnector	
design of the product	Main switch	
display version for switch position indicator manual operation	1 ON - 0 OFF	
type of switch	Floor mounting with door coupling	
design of the actuating element	Short rotary knob	
color of the actuating element	black	
design of handle	rotary operating mechanism, black	
type of the driving mechanism motor drive	No	
General technical data		
number of poles	3	
size of switch disconnector	4	
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	12 W	
Main circuit		
operational current		
• at AC-21 at 690 V rated value	125 A	
• at AC-21 A at 240 V rated value	125 A	
• at AC-21 A at 400 V rated value	125 A	
• at AC-21 A at 440 V rated value	125 A	

• • AC 23 A at 340 V rind value25 W• • AC 23 A at 400 V rind value45 W• • AC 23 A at 400 V rind value37 W• • • AC 23 A at 400 V rind value37 W• • • AC 23 A at 400 V rind value37 W• • • AC 23 At 400 V rind value30 W• • AC 23 At 400 V rind value30 W• • AC 23 At 400 V rind value30 W• • AC 23 At 400 V rind value30 W• • AC 23 At 400 V rind value30 W• • AC 23 At 400 V rind value30 W• • AC 23 At 400 V rind value30 W• • AC 23 At 400 V rind value30 W• • AC 23 At 400 V rind value30 W• • AC 23 At 400 V rind value30 W• • AC 23 At 400 V rind value30 W• • AC 23 At 400 V rind value30 W• • • AC 23 At 400 V rind value30 V• • • AC 23 At 400 V rind value30 V• • • • AC 23 At 400 V rind value30 V• • • • AC 23 At 400 V rind value50 V• • • • • AC 23 At 400 V rind value50 V• • • • • • • • • • • • • • • • • • •	at AC-23 A at 400 V rated value	80 A
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• # A-C35 A # 440 V rated value45 kW• # A-C35 A at 240 V rated value25 kW• # A-C3 at 240 V rated value30 kW• # A-C3 at 240 V rated value0• # A-C3 at 240 V rated value00 V• # A A A A A A A A A A A A A A A A A A		
••• 14.7-23 A, 24 80 V rated value27 KW••• 14.7-23 A 260 V rated value27 KW••• 14.7-23 A 260 V rated value27 KW••• 14.7-23 A 260 V rated value20 KW••• 14.7-23 A 1260 V rated value20 KW••• 14.7-23 A 1260 V rated value0•• 14.7-23 A 1260 V rated value00 V•• 14.7-23 A 1260 V rated valueVes•• 14.7-23 A 1260 V rated valueVes•• 14.7-23 A 1260 V rated valueVes•• 14.7-23 A 1260 V rated value0•• 14.7-25 A 1260 V rated value0•• 14.7-25 A 1260 V rated value0•• 14.7-260 V rated value0•• 14.7-260 V rated value0•• 14.7-27 V rated value0•• 14.7-27 V rated value0•• 14.7-260 V rated value0		
• e1 AC-3 at 240 V rated value 22 W • e1 AC-3 at 400 V rated value 30 AW Auxiary circuit 57 KW runder of Cootests for auxiliary contects 0 number of NC contests for auxiliary contects 0 operating valtage of auxiliary contect at AC maximum 500 V operating valtage of auxiliary contect at AC maximum 500 V operating valtage of auxiliary contect at AC maximum 500 V contact of or auxiliary contect at AC maximum 500 V contact of the auxiliary contect at AC maximum 500 V contact of the auxiliary contect at AC maximum 500 V auxibility for use awith disconnector Yes auxibility for use awith disconnector Yes auxibility for use awith awith Yes auxibility for use awith awith awith Yes auxibility for use awith awith awith Yes product extension optional Yes - extension optional Yes		
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• voltage triggerNonumber of connectable NC contacts for auxiliary contacts attachable maximum3number of connectable OC contacts for auxiliary contacts attachable maximum0number of connectable CO contacts for auxiliary contacts attachable maximum0number of connectable CO contacts for auxiliary contacts attachable maximum0number of connectable CO contacts for auxiliary contacts attachable maximum0number of bracket locks maximum3hasp thickness of the bracket locks4 8 mmShort circuit20 kAconditional short-circuit current with line-side fuse protection0• at 680 V by gG fuse rated value20 kAiet Hrough current with closed switch • at 240 V for combination switch + gG fuse maximum permissible10 kA• 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 • 104 kA2.s104 kA2.sdesign of the fuse link • for short-circuit protection of the maximum • at 440 V for combination switch + gG fuse maximum • 104 kA2.s125 Adesign of the fuse link • for short-circuit protection of the auxiliary switch required • fuse gLigG: 10 A125 Aoperational current at AC according to UL 508/UL • 600 V600 Vcording UL • 60947-4-1 rated value125 Aactive power [hp] at AC at 480 V according to UL 508/UL • 60947-4-1 rated value75active power [hp] at AC at 480 V according to UL	product extension optional	
number of connectable NC contacts for auxiliary contacts attachable maximum 3 number of connectable NO contacts for auxiliary contacts attachable maximum 5 number of connectable CO contacts for auxiliary contacts attachable maximum 0 number of bracket locks maximum 3 hasp thickness of the bracket locks 48 mm Short circuit 20 kA conditional short-circuit current with line-side fuse protection 20 kA let-through current with closed switch 0 • at 800 V by gG fuse rated value 20 kA let-through current with closed switch 10 kA • at 480 V for combination switch + gG fuse maximum 10 kA • at 480 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 104 kA2.s • at 680 V for combination switch + gG fuse maximum 104 kA2.s • at 680 V for combination switch + gG fuse maximum 104 kA2.s • at 680 V for combination switch + gG fuse maximum 104 kA2.s • at 680 V for combination switch + gG fuse maximum 104 kA2.s • for short-circuit protection of the main circuit required fuse gL/gG: 125 A	motor drive	No
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attachable maximum 3 number of bracket locks maximum 3 hasp thickness of the bracket locks 4 8 mm Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value 20 kA let-through current with closed switch 0 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 104 kA2.s • at 240 V for combination switch + gG fuse maximum 104 kA2.s • at 400 V for combination switch + gG fuse maximum 104 kA2.s • at 600 V for combination switch + gG fuse maximum 104 kA2.s design of the fuse link fuse gL/gG: 125 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current at AC according to UL 508/UL 600 V operating voltage at AC at 50/60 Hz according to		5
hasp thickness of the bracket locks 4 8 mm Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value 20 kA let-through current with closed switch 20 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 440 V for combination switch + gG fuse maximum 10 kA • at 420 V for combination switch + gG fuse maximum 10 kA • at 420 V for combination switch + gG fuse maximum 10 kA • at 420 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 104 kA2.s • at 690 V for combination switch + gG fuse maximum 104 kA2.s design of the fuse link fuse gL/gG: 125 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current of upstream fuse rated value 125 A eccording UL 600 V operational current at AC according to UL 508/UL 600 V 60947-4-1 rated value 600 V active power [hp] at AC at 480 V according to UL 508/UL	•	0
Short circuit conditional short-circuit current with line-side fuse protection 20 kA e t 690 V by gG fuse rated value 20 kA let-through current with closed switch 10 kA • at 440 V for combination switch + gG fuse maximum 10 kA • at 430 V for combination switch + gG fuse maximum 10 kA • at 690 V for combination switch + gG fuse maximum 10 kA • at 690 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 104 kA2.s • at 440 V for combination switch + gG fuse maximum 104 kA2.s • at 690 V for combination switch + gG fuse maximum 104 kA2.s • at 690 V for combination switch + gG fuse maximum 104 kA2.s • at 690 V for combination switch + gG fuse maximum 104 kA2.s • design of the fuse link fuse gL/gG: 125 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A • operational current at AC according to UL 508/UL 600 V coording UL 600 V operating values 4C at 480 V according to UL 508/UL 60947-4-1 rated value 600 V active power [hp] at AC	number of bracket locks maximum	3
conditional short-circuit current with line-side fuse protection 20 kA let-through current with closed switch 20 kA let-through current with closed switch 9G fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 450 V for combination switch + gG fuse maximum 10 kA • at 690 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA • at 240 V for combination switch + gG fuse maximum 10 kA kA2.s • at 240 V for combination switch + gG fuse maximum 104 kA2.s • at 690 V for combination switch + gG fuse maximum 104 kA2.s • at 690 V for combination switch + gG fuse maximum 104 kA2.s • at 690 V for combination switch + gG fuse maximum 104 kA2.s • at 690 V for combination switch + gG fuse maximum 104 kA2.s • design of the fuse link fuse gL/gG: 125 A • for short-circuit protection of the maxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 125 A according UL 600 V operating voltage at AC at 50/60 Hz according to UL 508/UL 600	hasp thickness of the bracket locks	4 8 mm
protection20 kA• at 690 V by gG fuse rated value20 kAlef-through current with closed switch20 kA• at 240 V for combination switch + gG fuse maximum10 kA• at 640 V for combination switch + gG fuse maximum10 kA• at 640 V for combination switch + gG fuse maximum10 kA• at 240 V for combination switch + gG fuse maximum10 kA• at 240 V for combination switch + gG fuse maximum10 kA• at 240 V for combination switch + gG fuse maximum104 kA2.s• at 440 V for combination switch + gG fuse maximum104 kA2.s• at 640 V for combination switch + gG fuse maximum104 kA2.s• at 640 V for combination switch + gG fuse maximum104 kA2.s• at 640 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• for short-circuit protection of the main circuit requiredfuse gL/gG: 125 A• for short-circuit protection of the main circuit requiredfuse gL/gG: 10 A• operational current of upstream fuse rated value125 Aeccording UL600 V• operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value600 V• active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value75• active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value100	Short circuit	
let-through current with closed switch in the second s		
• at 240 V for combination switch + gG fuse maximum10 kA• at 440 V for combination switch + gG fuse maximum10 kA• at 690 V for combination switch + gG fuse maximum10 kA• at 690 V for combination switch + gG fuse maximum10 kA• at 240 V for combination switch + gG fuse maximum104 kA2.s• at 440 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• design of the fuse linkfuse gL/gG: 125 A• for short-circuit protection of the main circuit requiredfuse gL/gG: 10 A• operational current of upstream fuse rated value125 Aaccording ULoperational current at AC according to UL 508/UL 60947-4-1• operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1600 V• 60947-4-1 rated value600 V• active power [hp] at AC at 480 V according to UL 508/UL 60947-4-175• active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value100	• at 690 V by gG fuse rated value	20 kA
• at 440 V for combination switch + gG fuse maximum10 kA• at 690 V for combination switch + gG fuse maximum10 kApermissible10 kA 12t value with closed switch 104 kA2.s• at 240 V for combination switch + gG fuse maximum104 kA2.s• at 440 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• design of the fuse linkfuse gL/gG: 125 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 A• operational current of upstream fuse rated value125 A according UL operational current at AC according to UL 508/UL 60947-4-1• operational current at AC according to UL 508/UL 60947-4-1125 A• operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V600 V• active power [hp] at AC at 480 V according to UL 508/UL 60947-4-175• active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value100	let-through current with closed switch	
• at 690 V for combination switch + gG fuse maximum permissible10 kA12t value with closed switch10 kA• at 240 V for combination switch + gG fuse maximum104 kA2.s• at 440 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• at 690 V for combination switch + gG fuse maximum104 kA2.s• design of the fuse link104 kA2.s• for short-circuit protection of the main circuit requiredfuse gL/gG: 125 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 A• operational current of upstream fuse rated value125 Aaccording UL000 V• operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value600 V• active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value75active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value100	 at 240 V for combination switch + gG fuse maximum 	10 kA
permissibleI2t value with closed switch• at 240 V for combination switch + gG fuse maximum• at 240 V for combination switch + gG fuse maximum• at 440 V for combination switch + gG fuse maximum• at 690 V for combination switch + gG fuse maximum• at 690 V for combination switch + gG fuse maximum• at 690 V for combination switch + gG fuse maximum• 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• fuse gL/gG: 125 A• for short-circuit protection of the auxiliary switch required• fuse gL/gG: 10 A• operational current of upstream fuse rated value• at 200 U• operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value• operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value• active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value• active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	 at 440 V for combination switch + gG fuse maximum 	10 kA
 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 104 kA2.s at 690 V for combination switch + gG fuse maximum 104 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 fuse gL/gG: 125 A for short-circuit protection of the auxiliary switch required poperational current of upstream fuse rated value 125 A according UL operational current at AC according to UL 508/UL 60947-4-1 for short-arcuit 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 		10 kA
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum 104 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 fuse gL/gG: 125 A for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A 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 active power [hp] at AC at 480 V according to UL 508/UL 609/UL 508/UL 609/UL 75 active power [hp] at AC at 600 V according to UL 508/UL 609/UL 508/UL 609/UL 75 	I2t value with closed switch	
• at 690 V for combination switch + gG fuse maximum104 kA2.sdesign of the fuse linkis of short-circuit protection of the main circuit requiredfuse gL/gG: 125 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value125 Aaccording ULis operational current at AC according to UL 508/UL 60947-4-1125 Aoperating voltage at AC at 50/60 Hz according to UL 508/UL600 V60947-4-1 rated value75active power [hp] at AC at 480 V according to UL 508/UL100	-	104 kA2.s
design of the fuse linkfuse gL/gG: 125 A• for short-circuit protection of the main circuit requiredfuse gL/gG: 10 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 A• operational current of upstream fuse rated value125 Aaccording ULoperational current at AC according to UL 508/UL 60947-4-1125 A• operating voltage at AC at 50/60 Hz according to UL 508/UL600 V60947-4-1 rated value75active power [hp] at AC at 480 V according to UL 508/UL10060947-4-1 rated value100	-	104 kA2.s
 for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required fuse gL/gG: 125 A for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A 125 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 600 V 600 V 600 V active power [hp] at AC at 480 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 480 V according to UL 508/UL active power [hp] at AC at 480 V according to UL 508/UL active power [hp] at AC at 480 V according to UL 508/UL active power [hp] at AC at 480 V according to UL 508/UL active power [hp] at AC at 480 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 480 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL box at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL 	 at 690 V for combination switch + gG fuse maximum 	104 kA2.s
• for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 125 A according UL 125 A operational current at AC according to UL 508/UL 60947-4-1 rated value 125 A operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value 600 V active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value 75 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value 100	design of the fuse link	
operational current of upstream fuse rated value 125 A according UL operational current at AC according to UL 508/UL 60947-4-1 125 A operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 600 V 60947-4-1 rated value 600 V active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 75 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value 100		
according UL operational current at AC according to UL 508/UL 60947-4-1 125 A rated value 600 V 600 V operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V active power [hp] at AC at 480 V according to UL 508/UL 75 active power [hp] at AC at 600 V according to UL 508/UL 600 active power [hp] at AC at 600 V according to UL 508/UL 600 active power [hp] at AC at 600 V according to UL 508/UL 100	· · · · · · · · · · · · · · · · · · ·	
operational current at AC according to UL 508/UL 60947-4-1 125 A rated value 600 V operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 60947-4-1 rated value 75 active power [hp] at AC at 480 V according to UL 508/UL 75 active power [hp] at AC at 600 V according to UL 508/UL 100 60947-4-1 rated value 100		125 A
rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 60947-4-1 rated value 600 V active power [hp] at AC at 480 V according to UL 508/UL 75 active power [hp] at AC at 600 V according to UL 508/UL 100 active power [hp] at AC at 600 V according to UL 508/UL 100		
60947-4-1 rated value 75 active power [hp] at AC at 480 V according to UL 508/UL 75 60947-4-1 rated value 100 active power [hp] at AC at 600 V according to UL 508/UL 100		
60947-4-1 rated value 100 active power [hp] at AC at 600 V according to UL 508/UL 100 60947-4-1 rated value 100	60947-4-1 rated value	
60947-4-1 rated value		75
short-time withstand current (SCCR) at 600 V according to 10 kA	60947-4-1 rated value	
	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	200 A
value	
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid maximum	
•	1
•	12
type of connectable conductor cross-sections for copper conductor	
• solid	1x (450mm²)
 finely stranded with core end processing 	1x (435mm²)
stranded	1x (450mm²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²)
 finely stranded with core end processing 	lateral auxiliary switch 2x (0,75 1,5mm ²), 1x 2,5mm ² ; front auxiliary switch 1x 2,5mm ²
stranded	lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²)
type of electrical connection	
for main current circuit	box terminal
 for auxiliary contacts 	connection terminals
Mechanical Design	
height	106 mm
width	90 mm
depth type of device	470.5 mm fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
4-hole front mounting	Yes
 front mounting with central attachment 	No
rail mounting	Yes
net weight	755 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	
General Product Approval	
CCC EG-Konf.	UL VDE
General Product Approval Marine (Chin	nning other
General Product Approval Marine / Ship	pping other
Miscellaneous FMF <u><u>*</u>**</u>	Llovds <u>Confirmation</u> <u>Miscellaneous</u>
	Register
	LRS
Environment	
Environmental Con- firmations firmations	

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)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2814-0TK51

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD2814-0TK51

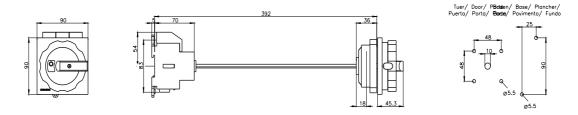
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2814-0TK51

CAx-Online-Generator

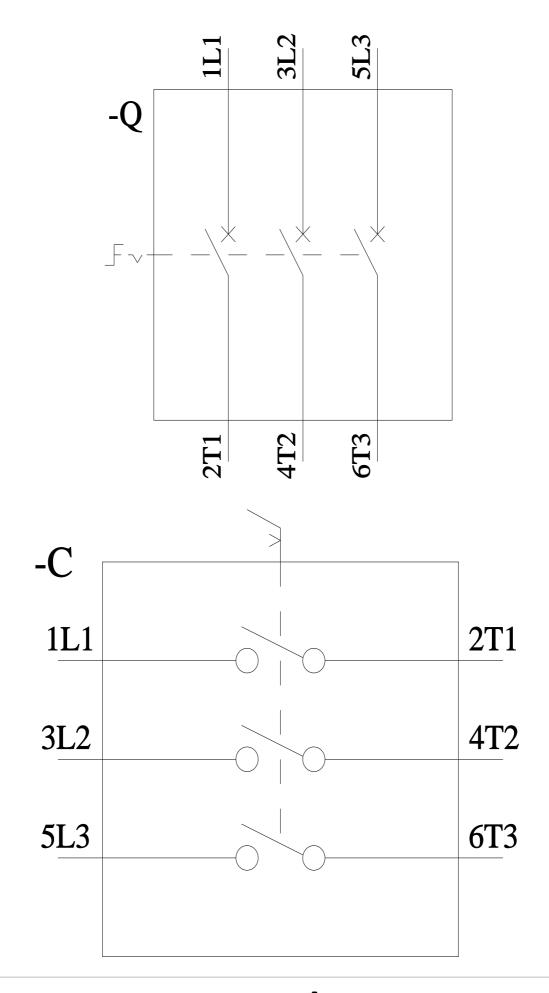
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications







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