SIEMENS

Data sheet 3LD5800-0TL11



SENTRON, Molded case switch 3LD5 UL, Main switch, 4-pole, certified according to UL489 UL60947-4-1 and IEC60947-3, UL: 150A, SCCR 50kA at 480VAC, Operating power at 480VAC 3-phase: 100hp, IEC: 160A, Operating power at AC-23A at 400V: 75kW, floor mounting with direct handle, black, incl. terminal covers for the infeed side

product brand name SENTRON product designation Switch disconnector Main switch design of the product Main switch Gesign of the product Main switch 1 ON - 0 OFF type of switch Floor mounting with direct drive Selector switch Selector sw	Model			
design of the product Main switch	product brand name	SENTRON		
display version for switch position indicator manual operation 1 ON - 0 OFF	product designation	Switch disconnector		
Specific Number Specific N	design of the product	Main switch		
design of the actuating element black color of the actuating element knob-operated mechanism, black type of the driving mechanism motor drive No Central technical data number of poles 4 size of switch disconnector 3 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 200 000 electrical endurance (operating cycles) 50 1/h 200 000 porating frequency maximum 50 1/h 200 000 electrical endurance (operating cycles) 50 1/h 200 000 porating frequency maximum 50 1/h 200 000 porating frequency maximum 690 V 200 000 surge voltage resistance rated value 690 V 200 000 protection class IP pro	display version for switch position indicator manual operation			
Color of the actuating element Black Rinob-operated mechanism, black Rype of the driving mechanism motor drive No No	type of switch	Floor mounting with direct drive		
design of handle knob-operated mechanism, black type of the driving mechanism motor drive No Ceneral technical data number of poles	design of the actuating element			
type of the driving mechanism motor drive General technical data number of poles 4 size of switch disconnector 3 mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) • at AC-23 A at 4690 V 6 000 operating frequency maximum 50 1/h degree of pollution 3 Voitage insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP protection class IP IP00 protection class IP on the front IP00 Dissipation Dissipation Wain circuit operating state per pole 4 at AC-21 A at 240 V rated value 160 A at AC-21 A at 400 V rated value 160 A at AC-23 A at 400 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 55 kW at AC-23 A at 460 V rated value 55 kW at AC-23 At 460 V rated value 55 kW at AC-23 At 400 V rated value 55 kW at AC-23 At 400 V rated value 55 kW	color of the actuating element			
## Command Co	design of handle	knob-operated mechanism, black		
Number of poles	type of the driving mechanism motor drive	No		
size of switch disconnector mechanical service life (operating cycles) typical electrical endurance (operating cycles) • at AC-23 A at 690 V operating frequency maximum degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP protection class IP protection class IP IP00 protection class IP on the front IP00 Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Main circuit operational current • at AC-21 at 690 V rated value • at AC-21 A at 440 V rated value 160 A • at AC-21 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A	General technical data			
mechanical service life (operating cycles) typical 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 Protection class IP protection class IP IP00 protection class IP on the front IP00 Dissipation Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Main circuit operational current • at AC-21 at 290 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value	number of poles	4		
electrical endurance (operating cycles) • at AC-23 A at 690 V operating frequency maximum 50 1/h degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP protection class IP protection class IP IP00 protection class IP IP00 protection class IP of the front IP00 Dissipation Operating state per pole Main circuit operational current • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 440 V rated value • at AC-24 A at 440 V rated value • at AC-25 A at 440 V rated value • at AC-26 A at 440 V rated value • at AC-27 A at 440 V rated value • at AC-28 A at 440 V rated value • at AC-29 A at 440 V rated val	size of switch disconnector	3		
at AC-23 A at 690 V operating frequency maximum 50 1/h degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP protection class IP IP00 protection class IP IP00 protection class IP OP00 protection class IP IP00 Dissipation Dissipation Discription power loss [W] for rated value of the current at AC in hot operating state per pole 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 440 V rated value 160 A at AC-21 A at 440 V rated value 160 A at AC-23 A at 400 V rated value 160 A at AC-23 A at 400 V rated value 160 A at AC-23 A at 400 V rated value 160 A at AC-23 A at 440 V rated value 160 A at AC-23 A at 440 V rated value 160 A 55 kW at AC-23 A at 690 V rated value 45 kW at AC-23 A at 690 V rated value 55 kW at AC-33 At 240 V rated value 45 kW	mechanical service life (operating cycles) typical	100 000		
operating frequency maximum degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP protection class IP IP00 protection class IP on the front IP00 Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Main circuit operational current • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 440 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 240 V rated value • at AC-24 A at 240 V rated value • at AC-25 A at 240 V rated value • at AC-26 A at 240 V rated value • at AC-27 A at 240 V rated value • at AC-28 A at 240 V rated value • at AC-29 A at 240 V rated value	electrical endurance (operating cycles)			
degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP IP00 protection class IP on the front IP00 Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole 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 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A operating power • at AC-23 A at 440 V rated value 160 A operating power • at AC-23 A at 440 V rated value 160 A operating power • at AC-23 A at 440 V rated value 55 kW • at AC-23 A at 690 V rated value 55 kW • at AC-3 A at 240 V rated value 55 kW • at AC-3 A at 240 V rated value 55 kW	• at AC-23 A at 690 V	6 000		
insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP IP00 protection class IP on the front IP00 Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole 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 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 55 kW • at AC-23 A at 690 V rated value 55 kW • at AC-3 A at 240 V rated value 45 kW	operating frequency maximum	50 1/h		
insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP IP00 protection class IP IP00 Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Main circuit operational current • at AC-21 at 690 V rated value • at AC-21 At 440 V rated value • at AC-21 A at 440 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-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-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-34 At 400 V rated value • at AC-35 At 400 V rated value • at AC-35 At 400 V rated value • 45 kW • at AC-36 At 400 V rated value • 45 kW	degree of pollution	3		
surge voltage resistance rated value Protection class protection class IP protection class IP IP00 protection class IP on the front Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Main circuit operational current • at AC-21 at 690 V rated value • at AC-21 at 240 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-33 at 240 V rated value • at AC-33 at 240 V rated value • at AC-33 at 240 V rated value • at AC-34 A at 240 V rated value • at AC-35 A at 240 V rated value • at AC-36 A at 240 V rated value • at AC-37 A at 240 V rated value • at AC-38 A at 240 V rated value • at AC-38 A at 240 V rated value • at AC-39 A at 240 V rated value • at AC-30 A at 240 V rated value • at AC-30 A at 240 V rated value • at AC-30 A at 240 V rated value • at AC-30 A at 240 V rated value • at AC-30 A at 240 V rated value • at AC-30 A at 240 V rated value • at AC-30 A at 240 V rated value	Voltage			
Protection class IP IP00 protection class IP on the front IP00 Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole 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 • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 400 V rated value 160 A • at AC-23 A at 400 V rated value 160 A operating power • at AC-23 A at 240 V rated value 55 kW • at AC-23 A at 240 V rated value 55 kW • at AC-3 at 240 V rated value 45 kW	insulation voltage rated value	690 V		
protection class IP IP00 protection class IP on the front IP00 Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole 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 • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 440 V rated value 160 A • at AC-23 A at 400 V rated value 160 A • at AC-23 A at 400 V rated value 160 A operating power • at AC-23 A at 240 V rated value 45 kW • at AC-23 A at 440 V rated value 55 kW • at AC-23 A at 240 V rated value 45 kW • at AC-23 A at 240 V rated value 45 kW • at AC-23 A at 240 V rated value 45 kW	surge voltage resistance rated value	6 kV		
protection class IP on the front IP00 Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Main circuit operational current • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-3 at 240 V rated value • at AC-3 at 240 V rated value • at AC-3 at 240 V rated value	Protection class			
Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Main circuit operational current • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-21 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 690 V rated value • at AC-3 at 240 V rated value	protection class IP	IP00		
power loss [W] for rated value of the current at AC in hot operating state per pole Main circuit operational current • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 440 V rated value • at AC-23 A at 440 V rated value operating power • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-3 at 240 V rated value	protection class IP on the front	IP00		
operating state per pole Main circuit operational current • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-3 at 240 V rated value	Dissipation			
operational current • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 400 V rated value operating power • at AC-23 A at 240 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-3 at 240 V rated value		36 W		
 at AC-21 at 690 V rated value at AC-21 A at 240 V rated value at AC-21 A at 400 V rated value at AC-21 A at 440 V rated value at AC-23 A at 440 V rated value operating power at AC-23 A at 240 V rated value at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value at AC-3 at 240 V rated value at AC-3 at 240 V rated value at AC-3 at 240 V rated value 55 kW at AC-3 at 240 V rated value 45 kW 	Main circuit			
 at AC-21 A at 240 V rated value at AC-21 A at 400 V rated value at AC-21 A at 440 V rated value at AC-23 A at 400 V rated value operating power at AC-23 A at 240 V rated value at AC-23 A at 440 V rated value at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value at AC-3 at 240 V rated value 55 kW at AC-3 at 240 V rated value 45 kW 	operational current			
 at AC-21 A at 400 V rated value at AC-21 A at 440 V rated value at AC-23 A at 400 V rated value 160 A operating power at AC-23 A at 240 V rated value at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value at AC-3 at 240 V rated value at AC-3 at 240 V rated value 55 kW at AC-3 at 240 V rated value 45 kW 	• at AC-21 at 690 V rated value	160 A		
 at AC-21 A at 440 V rated value at AC-23 A at 400 V rated value operating power at AC-23 A at 240 V rated value at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value at AC-3 at 240 V rated value 55 kW at AC-3 at 240 V rated value 45 kW 	• at AC-21 A at 240 V rated value	160 A		
 at AC-23 A at 400 V rated value operating power at AC-23 A at 240 V rated value at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value at AC-3 at 240 V rated value 55 kW at AC-3 at 240 V rated value 45 kW 	• at AC-21 A at 400 V rated value	160 A		
operating power • at AC-23 A at 240 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 690 V rated value • at AC-3 at 240 V rated value 45 kW 55 kW • at AC-3 at 240 V rated value 45 kW	• at AC-21 A at 440 V rated value	160 A		
 at AC-23 A at 240 V rated value at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value at AC-3 at 240 V rated value 45 kW 45 kW 	• at AC-23 A at 400 V rated value	160 A		
 at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value at AC-3 at 240 V rated value 45 kW 	operating power			
 at AC-23 A at 690 V rated value at AC-3 at 240 V rated value 45 kW 	• at AC-23 A at 240 V rated value	45 kW		
• at AC-3 at 240 V rated value 45 kW	• at AC-23 A at 440 V rated value	75 kW		
	• at AC-23 A at 690 V rated value	55 kW		
• at AC-3 at 400 V rated value 75 kW	• at AC-3 at 240 V rated value	45 kW		
	• at AC-3 at 400 V rated value	75 kW		

• at AC-3 at 690 V rated value	45 kW
Auxiliary circuit	
number of CO contacts for auxiliary contacts	0
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
operating voltage of auxiliary contacts at AC maximum	500 V
continuous current of the auxiliary contact rated value	10 A
insulation voltage of the auxiliary switch rated value	500 V
Suitability	
suitability for use	
main switch	Yes
switch disconnector	Yes
EMERGENCY OFF switch	No
safety switch	Yes
maintenance/repair switch	Yes
Product details	
product feature can be locked into OFF position	Yes
accessories	
product extension optional	
motor drive	No
voltage trigger	No
number of connectable NC contacts for auxiliary contacts	1
attachable maximum	
number of connectable NO contacts for auxiliary contacts attachable maximum	2
number of connectable CO contacts for auxiliary contacts attachable maximum	0
number of bracket locks maximum	3
hasp thickness of the bracket locks	5 7.5 mm
Short circuit	
conditional short-circuit current with line-side fuse protection	
 at 440 V by gG fuse rated value 	50 kA
at 690 V by gG fuse rated value	30 kA
let-through current with closed switch	
 at 240 V for combination switch + gG fuse maximum 	16 kA
 at 440 V for combination switch + gG fuse maximum 	16 kA
 at 690 V for combination switch + gG fuse maximum permissible 	15 kA
I2t value with closed switch	
at 240 V for combination switch + gG fuse maximum	223 kA2.s
at 440 V for combination switch + gG fuse maximum	223 kA2.s
• at 690 V for combination switch + gG fuse maximum	223 kA2.s
design of the fuse link	
for short-circuit protection of the main circuit required	Fuse gG: 160 A
for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 A
operational current of upstream fuse rated value	160 A
according UL	
operational current at AC according to UL 489/UL 60947-4-1 rated value	150 A
operational current at AC according to UL 508/UL 60947-4-1 rated value	150 A
operating voltage at AC at 50/60 Hz according to UL 489 rated value	480 V
operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value	480 V
active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value	100
short-time withstand current (SCCR) at 480 V according to UL 508/UL 60947-4-1 and UL 489	50 kA
continuous current of upstream fuse according to UL rated value	150 A
type of fuse according to UL	Class J
Connections	
AWG number as coded connectable conductor cross section	
solid	

• minimum	1		
• maximum	4/0		
AWG number as coded connectable conductor cross section solid according to UL 489			
• minimum	1		
• maximum	4/0		
AWG number as coded connectable conductor cross section solid according to CSA C22.2 No. 5-16			
• minimum	3		
maximum	2/0		
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	2x (0.75 2.5 mm²), 1x 4 mm²		
 finely stranded with core end processing 	2x (0.75 1.5 mm²), 1x 2.5 mm²		
• stranded	2x (0.75 2.5 mm²), 1x 4 mm²		
type of electrical connection			
 for main current circuit 	box terminal		
 for auxiliary contacts 	connection terminals		
Mechanical Design			
height	178 mm		
width	151 mm		
depth	158 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 	No		
rail mounting	No		
net weight	2 150 g		
Environmental conditions			
ambient temperature during operation			
• minimum	-25 °C		
• maximum	55 °C		
ambient temperature during storage			
• minimum	-25 °C		
• maximum	55 °C		



Confirmation









other

Miscellaneous Confirmation

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. $\label{eq:continuous}$

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=3LD5800-0TL11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD5800-0TL11

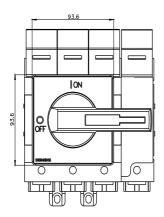
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD5800-0TL11

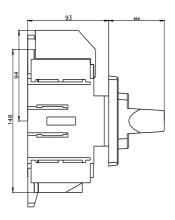
CAx-Online-Generator

http://www.siemens.com/cax

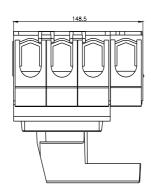
Tender specifications

http://www.siemens.com/specifications









last modified:

6/20/2023