SIEMENS

Data sheet

3LD2804-0TK53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 3- pole, lu: 125 A, operating power / at AC-23 A 400 V: 45 kW, front-mounted, rotary operating mechanism, Red / yellow, 4-hole mounting of the handle

product brand nameSINTRONproduct designationSwitch disconnectordesign of the productEMERGENCY-STOP switchdisplay version for switch position indicator manual operation10.N + 0.OFFtype of switchfront mounteddesign of the actuating elementrod nounteddesign of the actuating elementrod any operating mechanism, redyellowbype of the driving mechanism motor driveNoOperating the form mechanism motor drive100 000Central technical data100 000electrical endurance (operating cycles) typical100 000electrical endurance (operating cycles) typical6000operating frequency maximum60 1/hof agree of pollution600 Voperating frequency maximum600 Voperating routing600 Voperating routing600 Voperating frequency maximum601 Voperating frequency maximum600 Voperating frequency rated value600 Voperating frequency rated value60 Hzoperating voltageIPESoperating frequency rated value12 Noperating frequency rated value12 Noperating voltage rated value	Model	
design of the product EMERGENCY-STOP switch display version for switch position indicator manual operation 1 ON - 0 OFF type of switch front mounted design of the actuating element red design of the actuating element red design of the actuating element red design of the driving mechanism motor drive No Orant tachnical data	product brand name	SENTRON
display version for switch position indicator manual operation 1 ON - 0 OFF type of switch front mounted design of the actuating element Short rotary knob color of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism motor drive No Control the driving mechanism motor drive No Control the driving mechanism motor drive A Control the driving mechanism motor drive 4 Control the driving mechanism motor drive 4 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 600 0 eyner drive drive 50 1/h degree of politolin 3 Voltage 60V issued on value 60V operating frequency maximum 60 kV operating voltage 60V e at AC rated value 60 V operating frequency rated value 60 Hz Protection class IP 1965 degree of policon NEMA rating 1, 3R, 4X, 12 protection class IP on the front 12W operating state per pole 12W operating state per pole	product designation	Switch disconnector
hype of switch front mounted design of the actuating element Short rotary knob color of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism motor drive No General technical data number of poles size of switch disconnector 4 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) 6 etal AC-23 A at 690 V 6 000 operating frequency maximum 50 1/h degree of pollution 3 Voltage fequency maximum operating voltage 6 e at AC-23 A at 690 V 6000 operating voltage 6 e at AC rated value 690 V operating voltage 6 e at AC rated value 600 V operating frequency rated value 600 V operating voltage 600 V e at AC rated value 600 V operating voltage 600 V operating voltage 600 Hz	design of the product	EMERGENCY-STOP switch
design of the actuating element Fred color of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism motor drive No Control operating cycles) typical number of poles 3 size of switch disconnector 4 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 6 000 operating frequency maximum 50 1/h degree of pollution 3 Voltage 6000 V surge voltage resistance rated value 690 V operating frequency maximum 600 V operating requency match value 64V operating requency match value 690 V operating requency match value 690 V operating requency match value 64V operating requency match value 600 L operating requency match value 600 L operating requency match value 64V operating requency match valu	display version for switch position indicator manual operation	1 ON - 0 OFF
color of the actuating element red design of handle rolary operating mechanism, red/yellow type of the driving mechanism motor drive No Concrat technical data	type of switch	front mounted
design of handle rotary operating mechanism, red/yellow type of the driving mechanism motor drive No General technical data Inumber of poles size of switch disconnector 4 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) 6000 operating frequency maximum 50 1/h degree of pollution 3 Voltage Insulation voltage rated value e at AC-23 A at 690 V 6 600 V operating frequency maximum 50 1/h degree of pollution 3 surge voltage resistance rated value 690 V operating requency rated value 690 V operating frequency rated value 690 V operating frequency rated value 600 V operating state per pole 12 M motion class IP IP65 Desipation 12 W <t< td=""><td>design of the actuating element</td><td>Short rotary knob</td></t<>	design of the actuating element	Short rotary knob
type of the driving mechanism motor drive No General technical data	color of the actuating element	red
General technical data number of poles 3 size of switch disconnector 4 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) 6 000 operating frequency maximum 50 1/h degree of pollution 3 Voltage 690 V operating trequency maximum 690 V surge voltage resistance rated value 690 V operating voltage resistance rated value 690 V operating frequency rated value 690 V operating voltage 600 V operating frequency rated value 690 V operating frequency rated value 70 Hz operating trequency rated value 70 Hz operating trequency rated value 12 Hz pro	design of handle	rotary operating mechanism, red/yellow
number of poles 3 size of switch disconnector 4 mechanical service life (operating cycles) typical 10000 electrical endurance (operating cycles) 6000 operating frequency maximum 6000 operating frequency maximum 50 1/h degree of pollution 3 Voltago 10000 insulation voltage rated value 680 V surge voltage resistance rated value 690 V operating frequency maximum 60 HZ operating frequency rated value 690 V operating frequency rated value 600 Hz Protection class IP 100 Hz protection class IP IP65 Dissipation 12 W operating state per pole 12 W Main circuit 12 S A operational current 125 A • at AC-21 A at 20 V rated value 125 A • at AC-21 A at 400 V rated value 125 A • at AC-21 A at 400 V rated value 125 A	type of the driving mechanism motor drive	No
size of switch disconnector 4 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) 0 • at AC-23 A at 690 V 6 operating frequency maximum 50 1/h degree of pollution 3 Voltage Insulation voltage rated value 690 V surge voltage resistance rated value 690 V operating voltage resistance rated value 690 V operating voltage nesistance rated value 690 V operating voltage resistance rated value 690 V operating voltage Tested value 690 V operating voltage Tested value 7 • at AC rated value 7 Protection class IP protection class IP 1965 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP 0 the front 1965 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 125 A • at AC-21 A at 240 V rated value 125 A • at AC-21 A at 240 V rated value 125 A • at AC-21 A at 240 V rated value 125 A • at AC-21 A at 240 V rated value 125 A • at AC-21 A at 240 V rated value 125 A	General technical data	
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electrical endurance (operating cycles) 6 000 operating frequency maximum 50 1/h degree of pollution 3 Voltage 600 V insulation voltage rated value 690 V surge voltage resistance rated value 690 V operating frequency rated value 690 V operating voltage 690 V operating frequency rated value 70 Hz operating frequency rated value 12 M operating state per pole 12 W operating state per pole 12 W operating state per pole 125 A	size of switch disconnector	4
• at AC-23 A at 690 V6 000operating frequency maximum50 1/hdegree of pollution3Voltage690 Vinsulation voltage rated value690 Voperating voltage resistance rated value690 Voperating voltage690 Voperating voltage690 Voperating voltage690 Voperating frequency rated value690 Voperating frequency rated value690 Voperating frequency rated value690 Voperating frequency rated value50 Hz• minimum50 Hz• maximum60 HzProtection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65Dissipation12 Wpower loss [M] for rated value of the current at AC in hot operating state per pole12 Woperational current12 S A• at AC-21 at 690 V rated value125 A• at AC-21 At 420 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A	mechanical service life (operating cycles) typical	100 000
operating frequency maximum50 1/hdegree of pollution3Voltageinsulation voltage rated value690 Vsurge voltage resistance rated value690 Voperating voltage61 KVoperating voltage690 Voperating requency rated value690 Voperating frequency rated value690 Voperating frequency rated value690 Voperating frequency rated value60 Hz• minimum50 Hz• maximum60 HzProtection class IPIP65degree of protection NEMA rating1P65protection class IP on the frontIP65Dissipation12 Wpower loss [W] for rated value of the current at AC in hot operating state per pole12 S Aoperational current12 S A• at AC-21 at 690 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A	electrical endurance (operating cycles)	
degree of pollution 3 Voltage 690 V surge voltage resistance rated value 690 V operating voltage 6 kV operating voltage 690 V operating voltage 690 V operating requency rated value 690 V operating frequency rated value 690 V operation class IP 100 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP on the front IP65 Dissipation 12 W power loss [W] for rated value of the current at AC in hot operating state per pole 12 W Main circuit 12 S A operational current 125 A • at AC-21 A t 400 V rated value 125 A • at AC-21 A at 400 V rated value 125 A • at AC-21 A at 400 V rated value 125 A • at AC-21 A at 4	• at AC-23 A at 690 V	6 000
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insulation voltage rated value 690 V surge voltage resistance rated value 6 kV operating voltage 6 kV • at AC rated value 690 V operating frequency rated value 690 V • minimum 50 Hz • maximum 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP on the front IP65 Dissipation IP65 Main circuit 12 W operational current 12 SA • at AC-21 At 240 V rated value 125 A • at AC-21 A at 440 V rated value 125 A • at AC-21 A at 440 V rated value 125 A • at AC-21 A at 440 V rated value 125 A • at AC-21 A at 440 V rated value 125 A • at AC-21 A at 440 V rated value 125 A • at AC-21 A at 440 V rated value 125 A	degree of pollution	3
surge voltage resistance rated value6 kVoperating voltage • at AC rated value690 Voperating frequency rated value690 Voperating frequency rated value60 Hz• minimum60 HzProtection class1265degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65degree of protection NEMA rating1, 2Wprotection class IP on the frontIP65Dissipation12 Wpower loss [W] for rated value of the current at AC in hot operating state per pole12 Woperational current12 S A• at AC-21 at 690 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A	Voltage	
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• at AC rated value690 Voperating frequency rated value50 Hz• minimum60 Hz• maximum60 HzProtection classprotection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65degree of protection NEMA rating1, 2 Wprotection class IP on the frontIP65Dissipation12 Wpower loss [W] for rated value of the current at AC in hot operating state per pole12 WMain circuit12 Soperational current • at AC-21 at 690 V rated value125 A• at AC-21 A at 240 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 440 V rated value125 A	surge voltage resistance rated value	6 kV
operating frequency rated value50 Hz• maximum50 Hz60 HzProtection classprotection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65DissipationMain circuitoperating state per poleoperational current12 Woperational current125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A	operating voltage	
• minimum50 Hz• maximum60 HzProtection classIP65protection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65DissipationIP65DissipationIpower loss [W] for rated value of the current at AC in hot operating state per pole12 WOperational currentI• at AC-21 at 690 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A	at AC rated value	690 V
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protection class IPIP65degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65Dissipationpower loss [W] for rated value of the current at AC in hot operating state per poleMain circuitoperational current • at AC-21 at 690 V rated valueat AC-21 A at 240 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A	• maximum	60 Hz
degree of protection NEMA rating1, 3R, 4X, 12protection class IP on the frontIP65Dissipationpower loss [W] for rated value of the current at AC in hot operating state per pole12 WMain circuit12 Woperational current • at AC-21 at 690 V rated value125 Aat AC-21 A at 240 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A	Protection class	
protection class IP on the frontIP65DissipationIP85power loss [W] for rated value of the current at AC in hot operating state per pole12 WMain circuit12 Woperational current125 A• at AC-21 A at 240 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 400 V rated value125 A	protection class IP	IP65
Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole 12 W Main circuit 0 operational current 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 400 V rated value 125 A • at AC-21 A at 400 V rated value 125 A • at AC-21 A at 400 V rated value 125 A	degree of protection NEMA rating	1, 3R, 4X, 12
power loss [W] for rated value of the current at AC in hot operating state per pole 12 W Main circuit	protection class IP on the front	IP65
operating state per pole Main circuit operational current 125 A • at AC-21 A at 240 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 400 V rated value 125 A • at AC-21 A at 400 V rated value 125 A	Dissipation	
operational current• at AC-21 at 690 V rated value125 A• at AC-21 A at 240 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 440 V rated value125 A• at AC-21 A at 440 V rated value125 A		12 W
• at AC-21 at 690 V rated value125 A• at AC-21 A at 240 V rated value125 A• at AC-21 A at 400 V rated value125 A• at AC-21 A at 440 V rated value125 A	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 125 A 125 A 	operational current	
• at AC-21 A at 400 V rated value125 A• at AC-21 A at 440 V rated value125 A	• at AC-21 at 690 V rated value	125 A
• at AC-21 A at 440 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-23 A at 400 V rated value 80 A	• at AC-21 A at 440 V rated value	125 A
	 at AC-23 A at 400 V rated value 	80 A

operating power	20.144
at AC-23 A at 240 V rated value	22 kW
• at AC-23 A at 400 V rated value	45 kW
• at AC-23 A at 440 V rated value	45 kW
• at AC-23 A at 690 V rated value	37 kW
 at AC-3 at 240 V rated value 	22 kW
 at AC-3 at 400 V rated value 	37 kW
• at AC-3 at 690 V rated value	30 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	Yes
 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	3
attachable maximum	
number of connectable NO contacts for auxiliary contacts attachable maximum	3
number of connectable CO contacts for auxiliary contacts attachable maximum	0
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	
at 240 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 	10 KA
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum 	10 KA
permissible	
I2t value with closed switch	
 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
design of the fuse link	
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	125 A
according UL	
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
short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1	10 kA

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 sold • maximum 1 • ninimum 12 type of concetable conductor cross-sections for copper conductor 1x (450mm²) • solid 1x (450mm²) • finely stranded with core end processing 1x (450mm²) • stranded 1x (450mm²) • finely stranded with core end processing 1x (450mm²) • finely stranded with core end processing 1x (450mm²) • solid lateral auxiliary switch 2x (0.75 2.5mm²), 1x 4mm², front auxiliary switch 2,5mm² • solid lateral auxiliary switch 2x (0.75 2.5mm²), 1x 4mm², front auxiliary switch 2,5mm² • stranded lateral auxiliary switch 2x (0.75 2.5mm²), 1x 4mm², front auxiliary switch 2,5mm² • of auxiliary contacts connection terminal • of auxiliary contacts connection terminals Mochanical Design 106 mm width 90 mm depth 112.5 mm type of device fixed mounting fastening method fastening method
Connections AWG number as coded connectable conductor cross section sold • maximum 1 • ininimum 12 type of connectable conductor cross-sections for copper conductor 1x (450mm²) • solid 1x (450mm²) • finely stranded with core end processing 1x (450mm²) • stranded 1x (450mm²) • solid (a50mm²) • stranded with core end processing 1x (450mm²) • solid (a50mm²) • stranded with core end processing 1ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 2,5mm² • stranded lateral auxiliary switch 2x (0.75 2,5mm²), 1x 2,5mm², front auxiliary switch 2,5mm² • stranded lateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 2,5mm² • stranded lateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 2,5mm² • stranded lateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 2,5mm² • stranded lateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 12,5mm² • for mauting contacts connection terminals Mechanical Design fiked mounting <
AWG number as coded connectable conductor cross section solid 1 • maximum 1 • maximum 12 type of connectable conductor cross-sections for copper conductor 1x (450mm²) • solid 1x (450mm²) • finely stranded with core end processing 1x (450mm²) • stranded 1x (450mm²) • solid 1x (450mm²) • stranded 1x (450mm²) • finely stranded with core end processing 1x (450mm²) • finely stranded with core end processing 1ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 2,5mm² • stranded 1ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 12,5mm² • for auxiliary contacts connection terminal • for auxiliary contacts connection terminals Mechanical Design 106 mm width 90 mm depth 112.5 mm type of device fixed mounting fastening method Built-In unit fixed-mounted version fastening method 480 g environmental conditions -25 °C amblent temperature during operation -25 °C m
• maximum 1 • minimum 12 type of connectable conductor cross-sections for copper conductor - • solid 1x (450mm²) • solid 1x (450mm²) • stranded 1x (450mm²) type of connectable conductor cross-sections for auxiliary contacts - • solid 1x (450mm²) • stranded 10.75 2,5mm²), 1x 4mm², front auxiliary switch 2, (0,75 2,5mm²), 1x 4mm², front auxiliary switch 2, (0,75 2,5mm²), 1x 4mm², front auxiliary switch 2, (0,75 2,5mm²) type of electrical connection
• minimum 12 type of connectable conductor cross-sections for copper conductor * (450mm ²) • solid 1x (450mm ²) • stranded 1x (450mm ²) • stranded 1x (450mm ²) (protectable conductor cross-sections for auxiliary contacts lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 7 (0,75 2,5mm ²) • solid lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 7 (0,75 2,5mm ²) • stranded lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 7 (0,75 2,5mm ²) • stranded lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 7 (0,75 2,5mm ²) • stranded lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 7 (0,75 2,5mm ²) • stranded lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 7 (0,75 2,5mm ²) • for auxiliary contacts connection terminals • for auxiliary contacts connection terminals • depth 112.5 mm type of device fixed mounting • fastening method guilt-in unit fixed-mounted version • fastening method Yes <tr< td=""></tr<>
type of connectable conductor cross-sections for copper conductor is kinely stranded with core end processing 1x (450mm²) • stranded 1x (450mm²) is (435mm²) • stranded 1x (450mm²) • 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 2,5mm² • stranded (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 12,5mm² • stranded (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 12,5mm² • finely stranded with core end processing lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 12,5mm² • for auxiliary contacts connection box terminal • for auxiliary contacts connection terminals Mechanical Design 106 mm width 90 mm depth 112,5 mm • fort mounting with central attachment No
• solid 1x (450mm²) • finely stranded with core end processing 1x (435mm²) • stranded 1x (450mm²) type of connectable conductor cross-sections for auxiliary contacts 1ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 2x,5mm²) • solid (0.75 2,5mm²) 1ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 2x,5mm² • stranded lateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 2x,5mm² 1ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 2x,5mm² • stranded lateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 2x,5mm² 1ateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 2x,5mm² • stranded lateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm²; front auxiliary switch 12,5mm² 100 from • for auxiliary contacts connection terminals 100 from Machanical Design 106 mm 112,5 mm height 106 mm 112,5 mm width 90 mm 112,5 mm depth fixed mounting 112,5 mm if ype of device fixed mounting 112,5 mm • for thornounting with central attachment No No • rail mo
• finely stranded with core end processing 1x (435mm²) • stranded 1x (450mm²) type of connectable conductor cross-sections for auxiliary contacts Iateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 7 (0.75 2,5mm²), 1x 4mm², front auxiliary switch 2,5mm² • solid Iateral auxiliary switch 2x (0.75 1,5mm²), 1x 2,5mm², front auxiliary switch 2,5mm² • stranded Iateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 2,5mm² • stranded Iateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 2,5mm² • stranded Iateral auxiliary switch 2x (0.75 2,5mm²), 1x 4mm², front auxiliary switch 2,5mm² • type of electrical connection 0,75 2,5mm²), 1x 4mm², front auxiliary switch 1 • for auxiliary contacts connection terminals Mechanical Design box terminal height 106 mm width 90 mm depth 112.5 mm type of device fixed mounting fastening method Fixed mounting • 4-hole front mounting Yes • front mounting with central attachment No • rail mounting No • rail mounting -25 °C • maximum 55
• stranded 1x (450mm²) type of connectable conductor cross-sections for auxiliary contacts iateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1 (0,75 2,5mm²) • solid lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 2,5mm²; front auxiliary switch 1 (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1 (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1 (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1 (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1 (0,75 2,5mm²) • for auxiliary contacts connection terminals Mechanical Design box terminal • for auxiliary contacts connection terminals Mechanical Design 106 mm • depth 112.5 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version • front mounting Yes • front mounting with central attachment No • rail mounting <t< td=""></t<>
contacts iateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1 • finely stranded with core end processing lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 2,5mm² • stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 2,5mm² • stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 2,5mm² • stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 2,5mm² • for main current circuit box terminal • for auxiliary contacts connection terminals Mechanical Design Mechanical Design height 106 mm width 90 mm depth 112.5 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version • front mounting Yes • front mounting with central attachment No • rail mounting 480 g Environmental conditions -25 °C • maximum -25 °C
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(0,75 2,5mm²) type of electrical connection • for main current circuit • for auxiliary contacts connection terminals Mechanical Design height 106 mm width 90 mm depth 112.5 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Ves • 6+hole front mounting Yes • front mounting with central attachment No net weight 480 g Environmental conditions -25 °C ambient temperature during operation -25 °C • maximum 55 °C
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Confirmation (CCC)
Declaration of Conformity Marine / Shipping other
CC UK Ilovds Confirmation Miscellaneou
CE UK CA Lloyds Confirmation Miscellaneou
EG-Konf. LRS Desicoso
Environment
Environmental Con- firmations

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=3LD2804-0TK53

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2804-0TK53

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

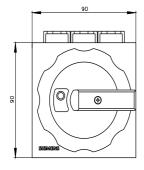
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2804-0TK53

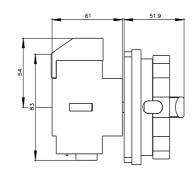
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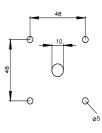
http://www.siemens.com/cax

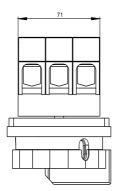
Tender specifications

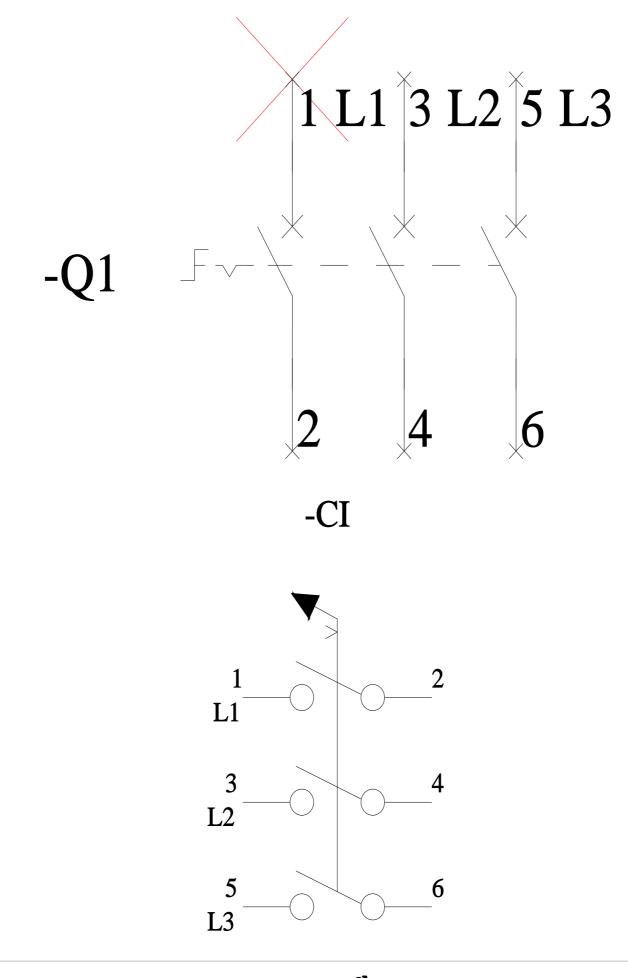
http://www.siemens.com/specifications











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