## **SIEMENS**

Data sheet 3LD3330-0TL11



Load disconnector 3LD3, Iu 40 A Main switch 3-pole + N Rated operating capacity at AC-23 A at 400 V 18.5 kW Installation in distribution boards, Basic switch with selector knob black

product brand name product designation design of the product display version for switch position indicator manual operation type of switch  DiN-rail mounting design of the actuating element selector switch color of the actuating element design of handle knob-operated mechanism, black  Ceneral technical data  number of poles number of poles note electrical endurance (operating cycles) typical electrical endurance (operating cycles)  at AC-23 A at 809 V operating frequency maximum degree of pollution 3  Voltage insulation voltage rated value operating trequency 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 400 V rated value  at AC-21 A at 440 V rated value  at AC-21 A at 4	Model	
design of the product display version for switch position indicator manual operation 1 ON - 0 OFF 1 type of switch DiN-rail mounting design of the actuating element selector switch color of the actuating element black design of the actuating element black design of handle knob-operated mechanism, black  Ceneral technical data number of poles 4 number of poles 4 number of poles d4 number of poles onte electrical endurance (operating cycles) typical delectrical endurance (operating cycles)  • at AC-23 A at 569 V	product brand name	SENTRON
display version for switch position indicator manual operation  type of switch  DiN-rail mounting  design of the actuating element  color of the actuating element  black  design of handle  Rnob-operated mechanism, black  General technical data  number of poles  number of poles  number of poles at 4  number of poles at 4  number of poles are desirable (coperating cycles) typical are electrical endurance (operating cycles) typical are electrical endurance (operating cycles)  at AC-23 A at 690 V 6 000  operating frequency maximum 50 1/h  degree of pollution 3  Voltago  insulation voltage rated value 680 V  surge voltage resistance rated value 680 V  operating frequency rated value 690 V  operating frequency rated value 600 Hz  Protection class IP protection class IP IP40  Disalpation  power loss IVI for rated value of the current at AC in hot operating state per pole  Main circuit  operational current 6 At AC-21 A at 240 V rated value 40 A 6  at AC-21 A at 240 V rated value 40 A 6  at AC-21 A at 440 V rated value 40 A 6  at AC-21 A at 440 V rated value 40 A 6  at AC-21 A at 440 V rated value 40 A 6  at AC-23 A at 400 V rated value 40 A 6  at AC-21 A at 440 V rated value 40 A 6  at AC-23 A at 400 V rated value 40 A 6  at AC-23 A at 400 V rated value 40 A 6  at AC-23 A at 400 V rated value 40 A 6  at AC-24 A at 440 V rated value 40 A 6  at AC-23 A at 400 V rated value 40 A 6  at AC-23 A at 400 V rated value 40 A 6  at AC-23 A at 400 V rated value 40 A 6  at AC-23 A at 400 V rated value 40 A 6  at AC-24 A at 440 V rated value 40 A 6  at AC-25 A at 400 V rated value 40 A 6  at AC-24 A at 400 V rated value 40 A 6  at AC-25 A at 400 V rated value 40 A 6  at AC-26 A at 400 V rated value 40 A 6  at AC-27 A at 400 V rated value 40 A 6  at AC-27 A at 400 V rated value 40 A 6  at AC-27 A at 400	product designation	Switch disconnector
type of switch  design of the actuating element  design of the actuating element  color of the actuating element  design of handle  knob-operated mechanism, black  Ceneral technical data  number of poles note  mechanical service life (operating cycles) typical  electrical endurance (operating cycles) typical  electrical endurance (operating cycles)  * at AC-21 A at 690 V  operating frequency maximum  50 1/h  degree of pollution  3  Voltage  insulation voltage rated value  * at AC-21 A at 400 V rated value  * at AC-22 A at 400 V rated value  * at AC-21 A at 400 V rated value  * at AC-22 A at 400 V rated value  * at AC-22 A at 400 V rated value  * at AC-22 A at 400 V rated value  * at AC-22 A at 400 V rated value  * at AC-22 A at 400 V rated value  * at AC-22 A at 400 V rated value  * at AC-22 A at 400 V rated value  * at AC-22 A at 400 V rated value  * at AC-22 A at 400 V rated value  * at AC-24 A at 400 V rated value  * at AC-25 A at 400 V rated value  * at AC-25 A at 400 V rated value  * at AC-25 A at 400 V rated value  * at AC-25 A at 400 V rated v	design of the product	Main switch
design of the actuating element black color of the actuating element black design of handle knob-operated mechanism, black   General technical data  number of poles note 4  number of poles note 4  number of poles note 4  number of poles note 50  number of poles note 50  number of poles note 60  number of poles note 70	display version for switch position indicator manual operation	1 ON - 0 OFF
color of the actuating element black design of handle knob-operated mechanism, black General technical data number of poles 4 number of poles note 4 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) volume of a Ac-23 A at 590 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 690 V surge voltage resistance rated value 690 V operating frequency rated value 690 V operating state per pole 1P40 Dissipation 1P40 Dissipation 1P40 Dissipation 1P40 Dissipation 1P40 Dissipation 1P40 Dissipation 1P40 Operational current 4 AC-21 A at 240 V rated value 40 A 40 A 41 AC-21 A at 240 V rated value 40 A 40 A 41 AC-21 A at 240 V rated value 40 A 40 A 41 AC-23 A at 400 V rated value 40 A 40 A 41 AC-23 A at 400 V rated value 40 A 40 A 41 AC-23 A at 400 V rated value 40 A 40 A 41 AC-23 A at 400 V rated value 40 A 40 A 41 AC-23 A at 400 V rated value 40 A 40 A 41 AC-23 A at 400 V rated value 40 A 40 A 41 AC-23 A at 400 V rated value 40 A 40 A 41 AC-23 A at 400 V rated value 40 A 40	type of switch	DIN-rail mounting
design of handle knob-operated mechanism, black  General technical data  number of poles note 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  Voltago  insulation voltage rated value 690 V surge voltage resistance rated value 690 V operating frequency rated value 690 V operating voltage resistance rated value 690 V operating voltage resistance rated value 690 V  operating voltage resistance rated value 690 V  operating voltage resistance rated value 690 V  operating voltage resistance rated value 690 V  operating frequency rated value 640 A  • at AC-21 at 400 V rated value 40 A  • at AC-21 A at 440 V rated value 40 A  • at AC-23 A at 400 V rated value 40 A  • at AC-23 A at 400 V rated value 40 A  • at AC-23 A at 400 V rated value 40 A  • at AC-23 A at 400 V rated value 40 A  • at AC-23 A at 400 V rated value 40 A  • at AC-23 A at 400 V rated value 40 A  • at AC-23 A at 400 V rated value 40 A  • at AC-23 A at 400 V rated value 40 A  • at AC-23 A at 400 V rated value 40 A	design of the actuating element	selector switch
General technical data number of poles number of poles	color of the actuating element	black
number of poles note  number of poles note  4 containcal 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 insulation voltage rated value 690 V surge voltage resistance rated value 6 kV operating voltage  • at AC rated value 690 V operating requency rated value • minimum 50 Hz • maximum 60 Hz  Protection class IP protection class IP IP40 protection class IP40 prot	design of handle	knob-operated mechanism, black
number of poles note  mechanical service life (operating cycles) typical 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 surge voltage resistance rated value 690 V  operating voltage • at AC rated value 0 690 V  operating frequency rated value 690 V  operating requency rated value • minimum 50 Hz • maximum 60 Hz  Protection class protection class IP operating state per pole  Main circuit  operating 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 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	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 operating value 690 V operating value 690 V operating value 690 V operating requency rated value 690 V operating requency rated value 690 V operating frequency rated value 690 V operating frequency rated value 600 Hz  Protection class protection class IP IP40 protection class IP on the front IP40  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 A at 240 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-23 A at 400 V rated value 40 A • at AC-23 A at 400 V rated value 40 A • at AC-23 A at 400 V rated value 40 A • at AC-23 A at 400 V rated value 40 A • at AC-23 A at 400 V rated value 40 A • at AC-23 A at 400 V rated value 40 A	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 6 kV  operating voltage  • at AC rated value  • minimum  50 Hz  • maximum  50 Hz  • maximum  50 Hz  Protection class IP  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 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-21 A at 400 V rated value  • at AC-23 A at 400 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 400 V rated value  • at AC-21 A at 400 V rated value  • at AC-21 A at 400 V rated value  • at AC-23 A at 400 V rated value  • at AC-21 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	number of poles note	4
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 operating voltage at AC rated value 690 V operating frequency rated value 690 V operating frequency rated value 60 Hz  Protection class  protection class IP protection class IP protection class IP IP40  protection class IP IP40  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 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-21 A at 440 V rated value at AC-23 A at 400 V rated value at AC-21 A at 440 V rated value at AC-23 A at 400 V rated value at AC-24 A at 400 V rated value at AC-25 A at 400 V rated value at AC-27 A at 400 V rated value at AC-28 A at 400 V rated value at AC-29 A at 400 V rated value	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 operating voltage • at AC rated value 690 V  operating frequency rated value 690 V  operating frequency rated value • minimum 50 Hz • maximum 60 Hz  Protection class  protection class IP protection class IP IP40 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 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-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-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-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 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-20 A at 400 V rated value • at AC-20 A at 400 V rated value • at AC-20 A at 400 V rated value • at AC-20 A at 400 V rated value • at AC-20 A at 400 V rated value • at AC-20 A at 400 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  operating voltage  • at AC rated value 690 V  operating frequency rated value  • minimum 50 Hz  • maximum 60 Hz  Protection class  protection class IP  protection class IP IP40  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 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-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-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-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-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-20 A at 400 V rated value  • at AC-20 A at 400 V rated value	• at AC-23 A at 690 V	6 000
Insulation voltage rated value  insulation voltage resistance rated value  operating voltage  • at AC rated value  • minimum  • maximum  Frotection class IP  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 490 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-20 A at 400 V rated value  • at AC-20 A at 400 V rated value  • at AC-20 A at 400 V rated value  • at AC-20 A at 400 V rated value  • at AC-20 A at 400 V rated value	operating frequency maximum	50 1/h
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 IP40 protection class IP IP40 protection class IP IP40  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-23 A at 400 V rated value	degree of pollution	3
surge voltage resistance rated value operating voltage • at AC rated value • minimum • maximum  50 Hz • maximum  60 Hz  Protection class  protection class IP protection class IP IP40 protection class IP IP40 protection class IP Operating state per pole  Main circuit  operating state per pole  Main circuit  operational current • 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-24 A at 400 V rated value • at AC-25 A at 400 V rated value • at AC-26 A at 400 V rated value • at AC-27 A at 400 V rated value • at AC-27 A at 400 V rated value • at AC-27 A at 400 V rated value • at AC-27 A at 400 V rated value • at AC-27 A at 400 V rated value	Voltage	
operating voltage  • at AC rated value  operating frequency rated value  • minimum  • maximum  50 Hz  • maximum  60 Hz  Protection class  protection class IP  protection class IP IP40  protection class IP IP40  protection class IP IP40  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-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-24 A at 400 V rated value  • at AC-25 A at 400 V rated value  • at AC-26 A at 400 V rated value  • at AC-27 A at 400 V rated value  • at AC-27 A at 400 V rated value  • at AC-27 A at 400 V rated value  • at AC-27 A at 400 V rated value  • at AC-27 A at 400 V rated value  • at AC-27 A at 400 V rated value  • at AC-27 A at 400 V rated value  • at AC-27 A at 400 V rated value  • at AC-27 A at 400 V rated value	insulation voltage rated value	690 V
• at AC rated value     operating frequency rated value     • minimum	surge voltage resistance rated value	6 kV
operating frequency rated value  • minimum  • maximum  60 Hz  Protection class  protection class IP protection class IP IP40 protection class IP IP40  protection class IP on the front IP40  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-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  operating power	operating voltage	
minimum maximum maxim	at AC rated value	690 V
<ul> <li>maximum</li> <li>60 Hz</li> <li>Protection class</li> <li>protection class IP</li> <li>protection class IP on the front</li> <li>IP40</li> <li>Dissipation</li> <li>power loss [W] for rated value of the current at AC in hot operating state per pole</li> <li>Main circuit</li> <li>operational current <ul> <li>at AC-21 at 690 V rated value</li> <li>at AC-21 A at 240 V rated value</li> <li>at AC-21 A at 400 V rated value</li> <li>at AC-21 A at 440 V rated value</li> <li>at AC-21 A at 440 V rated value</li> <li>at AC-23 A at 440 V rated value</li> <li>at AC-23 A at 400 V rated value</li> <li>at AC-23 A at 400 V rated value</li> <li>at AC-23 A at 400 V rated value</li> </ul> </li> <li>operating power</li> </ul>	operating frequency rated value	
Protection class IP protection class IP IP40 protection class IP on the front IP40  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 40 A • at AC-21 A at 240 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-21 A at 440 V rated value 40 A • at AC-23 A at 440 V rated value 40 A • at AC-23 A at 400 V rated value 36 A operating power	• minimum	50 Hz
protection class IP IP40  protection class IP on the front IP40  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 40 A  • at AC-21 A at 240 V rated value 40 A  • at AC-21 A at 400 V rated value 40 A  • at AC-21 A at 440 V rated value 40 A  • at AC-23 A at 400 V rated value 36 A  operating power	• maximum	60 Hz
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 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-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-29 A at 400 V rated value • at AC-29 A at 400 V rated value • at AC-29 A at 400 V rated value • at AC-29 A at 400 V rated value • at AC-29 A at 400 V rated value • at AC-29 A at 400 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 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 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	protection class IP	IP40
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-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	protection class IP on the front	IP40
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 400 V rated value • at AC-23 A at 400 V rated value  operating power	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		2.5 W
<ul> <li>at AC-21 at 690 V rated value</li> <li>at AC-21 A at 240 V rated value</li> <li>at AC-21 A at 400 V rated value</li> <li>at AC-21 A at 440 V rated value</li> <li>at AC-21 A at 440 V rated value</li> <li>at AC-23 A at 400 V rated value</li> <li>operating power</li> </ul>	Main circuit	
<ul> <li>at AC-21 A at 240 V rated value</li> <li>at AC-21 A at 400 V rated value</li> <li>at AC-21 A at 440 V rated value</li> <li>at AC-23 A at 400 V rated value</li> <li>operating power</li> </ul>	operational current	
<ul> <li>at AC-21 A at 400 V rated value</li> <li>at AC-21 A at 440 V rated value</li> <li>at AC-23 A at 400 V rated value</li> <li>36 A</li> </ul>	• at AC-21 at 690 V rated value	40 A
<ul> <li>at AC-21 A at 440 V rated value</li> <li>at AC-23 A at 400 V rated value</li> <li>operating power</li> </ul>	• at AC-21 A at 240 V rated value	40 A
at AC-23 A at 400 V rated value Operating power  36 A	• at AC-21 A at 400 V rated value	40 A
operating power	• at AC-21 A at 440 V rated value	40 A
	• at AC-23 A at 400 V rated value	36 A
	operating power	
at AC-23 A at 240 V rated value     7.5 kW	• at AC-23 A at 240 V rated value	7.5 kW

<ul> <li>at AC-23 A at 400 V rated value</li> </ul>	19 kW
<ul> <li>at AC-23 A at 440 V rated value</li> </ul>	15 kW
<ul> <li>at AC-23 A at 690 V rated value</li> </ul>	15 kW
<ul> <li>at AC-3 at 240 V rated value</li> </ul>	7.5 kW
at AC-3 at 400 V rated value	12 kW
at AC-3 at 690 V rated value	11.5 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	v.
• main switch	Yes
switch disconnector      FMEDOENOV OFF switch	Yes
EMERGENCY OFF switch     Sofety switch	No Yes
safety switch     maintenance/repair switch	Yes Yes
maintenance/repair switch  Product details	165
	Can be locked in zero position
special product feature product feature can be locked into OFF position	Can be locked in zero position  Yes
accessories	100
product extension optional	
motor drive	No
voltage trigger	No
number of connectable NC contacts for auxiliary contacts attachable maximum	2
number of connectable NO contacts for auxiliary contacts attachable maximum	4
number of connectable CO contacts for auxiliary contacts attachable maximum	0
number of bracket locks maximum	2
hasp thickness of the bracket locks	4 6 mm
Short circuit	
conditional short-circuit current with line-side fuse protection	
<ul> <li>at 440 V by gG fuse rated value</li> </ul>	10 kA
at 690 V by gG fuse rated value	6 kA
let-through current with closed switch	
<ul> <li>at 240 V for combination switch + gG fuse maximum</li> </ul>	5 kA
• at 440 V for combination switch + gG fuse maximum	5 kA
<ul> <li>at 690 V for combination switch + gG fuse maximum permissible</li> </ul>	5 kA
I2t value with closed switch	
<ul> <li>at 240 V for combination switch + gG fuse maximum</li> </ul>	15 kA2.s
<ul> <li>at 440 V for combination switch + gG fuse maximum</li> </ul>	15 kA2.s
at 690 V for combination switch + gG fuse maximum	15 kA2.s
design of the fuse link	
for short-circuit protection of the main circuit required	fuse gL/gG: 40 A
for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 A
operational current of upstream fuse rated value	40 A
according UL operational current at AC according to UL 508/UL 60947-4-1	40 A
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-	20
4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 60947-	20
4-1 rated value	
short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1	5 kA

continuous current of upstream fuse according to UL rated value	50 A
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid	
• maximum	6
• minimum	14
type of connectable conductor cross-sections for copper conductor	
• solid	1x (2.5 to 16 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	1x (2.516 mm²)
• stranded	1x (2.5 to 16 mm²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	2x (0.75 2.5 mm²), 1x 4 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	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
<ul> <li>for auxiliary contacts</li> </ul>	Box terminals
Mechanical Design	
height	60 mm
width	49 mm
depth	77 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
4-hole front mounting	No
<ul> <li>front mounting with central attachment</li> </ul>	No
rail mounting	Yes
net weight	200 g
Environmental conditions	
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
Approvals Certificates	
General Product Approval	Declaration of Conformity

General Product Approval

**Declaration of Conformity** 

Confirmation











other Environment

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

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD3330-0TL11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD3330-0TL11

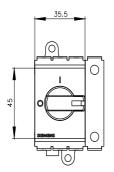
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD3330-0TL11">http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD3330-0TL11</a>

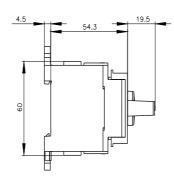
CAx-Online-Generator

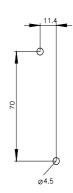
http://www.siemens.com/cax

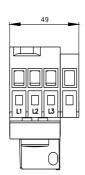
**Tender specifications** 

http://www.siemens.com/specifications









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