SIEMENS

Data sheet 3LD2203-0TK51



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 32 A, Operating power / at AC-23 A at 400 V: 11.5 kW, front-mounted, rotary operating mechanism, black, 4-hole mounting of the handle

product brand name product designation design of the product display version / for switch position indicator manual operation type of switch design of the actuating element Short rotary knob color / of the actuating element black design of handle voperating mechanism / motor drive type of the driving mechanism / motor drive No Ceneral technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution 3 Voltage insulation voltage / rated value operating voltage • at AC / rated value • minimum • minimum • minimum • maximum Protection class IP degree of protection NEMA rating protection class IP on the front Dissipation voltacy (rated value) operational current / are value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value	Model		
design of the product display version / for switch position indicator manual operation type of switch design of the actuating element Cotor / of the actuating element design of handle votary knob cotor / of the actuating element design of handle rotary operating mechanism, black type of switch design of handle rotary operating mechanism, black votary operating design mechanism, black votary operating design mechanism, black votary operating frequency / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution • at AC-23 A / at 690 V operating of pollution • at AC / rated value operating votage • at AC / rated value • minimum • maximum • at C / rated value • minimum • maximum • an aximum • an aximum for the actuating operating frequency / rated value operating frequency / rated value protection class IP degree of protection NEMA rating protection class IP / on the front protection	product brand name	SENTRON	
display version / for switch position indicator manual operation type of switch design of the actuating element color / of the actuating element black design of handle type of the driving mechanism / motor drive No Ceneral technical data number of poles size of switch disconnector electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / 6 000 operating frequency / maximum for grequency / maximum for grequency / maximum for operating voltage insulation voltage / rated value operating requency / rated value • at AC / rated value • minimum • maximum for Hz for the mounted front mounted front mounted front mounted short rotary knob black No Ceneral technical data number of poles 3 size of switch disconnector 2 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / 50 1/h degree of pollution 3 Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value operating frequency / rated value • minimum • at AC / rated value • minimum • maximum for Hz for the mounted front mounted front mounted front mounted front mounted fortary knob fortary verbary knob fortary operations description 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 Current operational current / rated value • at 40 "C / rated value 32 A	product designation	3LD Switch disconnector	
operation type of switch design of the actuating element color / of the actuating element design of handle type of the driving mechanism / motor drive General technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution 3 Voltage insulation voltage / rated value • at AC / rated value • minimum • maximum 60 Hz Protection class protection class IP / on the front Dissipation power loss [IP] / or rated value of the current / at AC / in hot operating state / per pole Current • at 40 °C / rated value	design of the product	Main switch	
design of the actuating element black color / of the actuating element black design of handle type of the driving mechanism / motor drive No No Ceneral technical data number of poles 3 size of switch disconnector 2 mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / typical electrical endurance (switching cycles) / e 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 690 V operating voltage		1 ON - 0 OFF	
color / of the actualing element design of handle type of the driving mechanism / motor drive No Ceneral technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) at AC-23 A / at 690 V operating frequency / maximum degree of pollution 3 Voltage insulation voltage / rated value operating frequency / rated value operating frequency / rated value operating frequency / rated value operating requency / rated value operating frequency / rated value operation class IP protection class IP 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 Current operational current / rated value operational current / rated value operational current	type of switch	front mounted	
design of handle type of the driving mechanism / motor drive No General technical data number of poles size of switch disconnector pechanical service life (switching cycles) / typical electrical endurance (switching cycles) at AC-23 A / at 690 V operating frequency / maximum degree of pollution Voltage insulation voltage / rated value surge voltage resistance / rated value operating frequency / rated value at AC / rated value operating frequency / rated value minimum operating frequency / rated value operating frequency / rated value minimum operating frequency / rated value minimum operating requency / rated value minimum operating stale / per pole protection class IP degree of protection NEMA rating nower loss [W] / for rated value of the current / at AC / in hot operating stale / per pole Current operational current / rated value operational current / rated value at 40 °C / rated value 32 A operational current at 40 °C / rated value 32 A	design of the actuating element	Short rotary knob	
type of the driving mechanism / motor drive General technical data number of poles size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) / 6 000 operating frequency / maximum degree of pollution Voltage insulation voltage / rated value operating vitage resistance / rated value operating frequency / rated value • at AC / rated value • operating frequency / rated value • minimum • maximum Protection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current • at 40 °C / rated value • at 40 °C / rated value 3 2 A operational current • at 40 °C / rated value 3 3 4 operational current • at 40 °C / rated value 3 3 4 operational current • at 40 °C / rated value 3 3 4 operational current • at 40 °C / rated value 3 4 00 operational current • at 40 °C / rated value 3 4 00 operational current • at 40 °C / rated value 3 4 00 operational current • at 40 °C / rated value 3 4 00 operational current • at 40 °C / rated value 3 4 00 operational current • at 40 °C / rated value	color / of the actuating element	black	
number of poles size of switch disconnector pechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value operating voltage • at AC / rated value • minimum • maximum • maximum Frotection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current • at 40 °C / rated value • operational current / rated value 32 A operational current • at 40 °C / rated value 33 A	design of handle	rotary operating mechanism, black	
number of poles size of switch disconnector pechanical service life (switching cycles) / typical electrical endurance (switching cycles) at AC-23 A / at 690 V operating frequency / maximum degree of pollution Voltage insulation voltage / rated value insulation voltage / rated value operating voltage at AC / rated value operating frequency / rated value insulation protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value at 40 °C / rated value at 40 °C / rated value 32 A operational current at 40 °C / rated value 32 A	type of the driving mechanism / motor drive	No	
size of switch disconnector mechanical service life (switching cycles) / typical electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum foo 1/h degree of pollution voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value • minimum foo Hz Protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current • at 40 °C / rated value 32 A operational current / rated value 32 A operational current • at 40 °C / rated value 32 A	General technical data		
mechanical service life (switching cycles) / typical electrical endurance (switching 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 operating voltage • at AC / rated value operating frequency / rated value • minimum 50 Hz Protection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [M] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value at 40 °C / rated value 32 A operational current • at 40 °C / rated value 32 A	number of poles	3	
electrical endurance (switching cycles) • at AC-23 A / at 690 V operating frequency / maximum degree of pollution 70 Voltage insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • minimum • maximum 60 Hz Protection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 32 A operational current • at 40 °C / rated value 32 A	size of switch disconnector	2	
at AC-23 A / at 690 V operating frequency / maximum degree of pollution 70tage insulation voltage / rated value surge voltage resistance / rated value operating voltage at AC / rated value operating frequency / rated value operating frequency / rated value operating frequency / rated value ominimum ominimu	mechanical service life (switching cycles) / typical	100 000	
operating frequency / maximum degree of pollution 3 Voltage insulation voltage / rated value surge voltage resistance / rated value operating yoltage • at AC / rated value • minimum • maximum on the sum of	electrical endurance (switching cycles)		
degree of pollution 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 IP 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 Current operational current / rated value 32 A operational current • at 40 °C / rated value 32 A	• at AC-23 A / at 690 V	6 000	
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 Current operational current / rated value • at 40 °C / rated value 32 A	operating frequency / maximum	50 1/h	
insulation voltage / rated value surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum 50 Hz • maximum Frotection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 690 V 6 kV 6 kV 6 bV 690 V 6 Hz F05 H2 690 Hz F065 H2 F065 H2 F065 IP65 IP	degree of pollution	3	
surge voltage resistance / rated value operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum 50 Hz • maximum Frotection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value • at 40 °C / rated value 6 kV 6 kV 690 V 690 V 690 V 690 V 18 W 18 W 19 65 18 W 19 65 18 W	Voltage		
operating voltage • at AC / rated value operating frequency / rated value • minimum • maximum 50 Hz 60 Hz Protection class protection class IP degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • at 40 °C / rated value 32 A	insulation voltage / rated value	690 V	
 at AC / rated value operating frequency / rated value minimum maximum fo Hz maximum fo Hz Protection class protection class IP degree of protection NEMA rating 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 Current operational current / rated value at 40 °C / rated value 32 A 32 A 32 A 32 A 32 A 32 A 33 A 34 A 36 OF / rated value 36 OF / rated value 37 A 38 A 39 A 39 A 30 A 30 A 31 A 32 A 33 A 34 A 35 A 36 OF / rated value 36 OF / rated value 37 A 38 A 39 A 39 A 30 A 30 A 31 A 32 A 32 A 33 A 34 A 35 A 36 OF / rated value 36 OF / rated value 37 A 38 A 39 A 39 A 30 A 30 A 31 A 32 A 32 A 33 A 34 A 36 OF / rated value 36 OF / rated value 37 A 38 OF / rated value 39 A 39 A 30 A 30 A 30 A 31 A 32 A 33 A 34 A 36 OF / rated value 36 OF / rated value 37 A 38 OF / rated value 39 A 39 A 30 A 30 A 30 A 30 A 31 A 32 A 33 A 34 A 36 OF / rated value 36 OF / rated value 37 A 38 OF / rated value 39 A 30 A <p< td=""><td>surge voltage resistance / rated value</td><td>6 kV</td></p<>	surge voltage resistance / rated value	6 kV	
operating frequency / rated value	operating voltage		
	at AC / rated value	690 V	
	operating frequency / rated value		
protection class IP degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • at 40 °C / rated value IP65 1.8 W 1.8 W 32 A	• minimum	50 Hz	
protection class IP 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 Current operational current / rated value operational current • at 40 °C / rated value 32 A	maximum	60 Hz	
degree of protection NEMA rating protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • at 40 °C / rated value 32 A	Protection class		
protection class IP / on the front Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current other at 40 °C / rated value 32 A	protection class IP	IP65	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value operational current • at 40 °C / rated value 32 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 Current operational current / rated value operational current • at 40 °C / rated value 32 A	protection class IP / on the front	IP65	
hot operating state / per pole Current operational current / rated value operational current operational current operational current at 40 °C / rated value 32 A	Dissipation		
operational current / rated value operational current operational current at 40 °C / rated value 32 A 32 A		1.8 W	
operational current • at 40 °C / rated value 32 A	Current		
• at 40 °C / rated value 32 A	operational current / rated value	32 A	
	operational current		
	 at 40 °C / rated value 	32 A	
• at 45 °C / rated value 32 A	• at 45 °C / rated value	32 A	

 at 50 °C / rated value at 55 °C / rated value 32 A at AC / rated value 32 A 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 400 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 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-3 / a / at 400 V / rated value at AC-3 / at 440 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value by 5 kW at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated va	
at AC / rated value 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 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 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 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-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value otherwise Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts	
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 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-3 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 690 V / rated va	
operational current • at AC-21 / at 690 V / rated value • at AC-21 A / at 240 V / rated value • at AC-21 A / at 4400 V / rated value • at AC-21 A / at 4400 V / rated value • at AC-23 A / at 4400 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 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 690 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 690 V / rate	
 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 at AC-23 A / at 400 V / rated value 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 at AC-3 / at 240 V / rated value bt W at AC-3 / at 240 V / rated value at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value bt W Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 	
 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 at AC-23 A / at 240 V / rated value at AC-23 A / at 240 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 460 V / rated value at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value bt W at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated val	
 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 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 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value by 5.5 kW Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 	
 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 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 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value ot Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 	
 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 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 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value contacts / for auxiliary contacts number of CO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 	
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 • at AC-3 / at 240 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 690 V / rated value output number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0	
 at AC-23 A / at 240 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 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value by 5.5 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 	
 at AC-23 A / at 400 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 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value by KW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 	
 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 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value 9.5 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 	
 at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 	
at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value 9.5 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0	
 at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 9.5 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 	
at AC-3 / at 690 V / rated value 9.5 kW Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0	
Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0	
number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0	
number of NC contacts / for auxiliary contacts 0 number of NO 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	
• voltage trigger No	
number of connectable NC contacts / for auxiliary contacts / attachable / maximum 3	
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	
number of connectable CO contacts / for auxiliary contacts / attachable / maximum	
number of bracket locks / maximum 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 50 kA	
let-through current / with closed switch	
• at 240 V / for combination switch + gG fuse / 4.5 kA maximum	
• at 440 V / for combination switch + gG fuse / 4.5 kA maximum	
at 690 V / for combination switch + gG fuse / 5 kA maximum permissible	
I2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 9 kA2.s	
I2t value / with closed switch / at 440 V / for combination 9 kA2.s switch + gG fuse / maximum	

I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum	9 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 / rated value	32 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	20
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	20
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	80 A
type of fuse / according to UL	RK5
Connections	
AWG number / as coded connectable conductor cross section / solid	
• maximum	8
• minimum	14
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (1,516mm²)
finely stranded / with core end processing	1x (1,510mm²)
stranded	1x (1,516mm²)
type of connectable conductor cross-sections / for	
auxiliary contacts ■ solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
• finely stranded / with core end processing	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm²
• stranded	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
type of electrical connection	
for main current circuit	box terminal
for auxiliary contacts	connection terminals
Mechanical Design	
height	83 mm
width	67 mm
depth	92.5 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	Yes
 front mounting with central attachment 	No
rail mounting	No
net weight	204 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
maximum	55 °C
ambient temperature / during storage	
• minimum	-25 °C
maximum	55 °C
General Product Approval	



Confirmation







<u>Miscellaneous</u>

General Product Approval

Declaration of Conformity

Test Certificates

Marine / Shipping







Special Test Certificate





Marine / Shipping

other



Environmental Confirmations **Miscellaneous**

Further information

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=3LD2203-0TK51

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2203-0TK51

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2203-0TK51

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications











