SIEMENS

Data sheet 3LD5410-0TL13



SENTRON, Molded case switch 3LD5 UL, Emergency switching-off, 4-pole, certified according to UL489 UL60947-4-1 and IEC60947-3, UL: 100A, SCCR 65kA at 480VAC, Operating power at 480VAC 3-phase: 60hp, IEC: 100A, Operating power at AC-23A at 400V: 45kW, floor mounting with door coupling rotary operating mechanism, defeatable, emergency switching-off, 4-hole mounting of the handle, without tolerance compensation, incl. terminal covers for the infeed side

product brand name product designation design of the product design of the product design of the product design of the product display version for switch position indicator manual operation type of switch design of the actualing element design of handle rotary operating mechanism, redyellow type of the driving mechanism motor drive No General technical data number of poles a 4 size of switch disconnector 3 mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) a 1 AC−23 A at 690 V operating frequency maximum degree of prollution bissipation protection class IP on the front Dissipation Bissipation Bin AC−21 A at 400 V rated value at AC−21 A at 400 V rated value at AC−21 A at 240 V rated value at AC−23 A at 690 V ra	Model			
design of the product EMERGENCY-STOP switch	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 red design of handle type of the driving mechanism motor drive Roneral technical data number of poles size of switch disconnector airchard alservice life (operating cycles) typical electrical endurance actual end	product designation	Switch disconnector		
type of switch design of the actuating element door-coupling rotary operating mechanism color of the actuating element red design of handle type of the driving mechanism motor drive No General technical data number of poles size of switch disconnector 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 690 V surge voltage resistance rated value 690 V surge voltage resistance rated value 7	design of the product	EMERGENCY-STOP switch		
design of the actuating element red door-coupling rotary operating mechanism color of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism motor drive No Rotary operating mechanism, red/yellow type of the driving mechanism motor drive No Rotary operating mechanism, red/yellow type of the driving mechanism motor drive No Rotary operating mechanism, red/yellow No Rotary Operating design of the driving mechanism motor drive No Rotary Rotar	display version for switch position indicator manual operation	1 ON - 0 OFF		
color of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism motor drive Roeneral technical data number of poles 4 size of switch disconnector 3 mechanical service life (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 2 electrical endurance (operating cycles) typical 50 10h degree of pollution 50 17h degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 690 V surge voltage resistance rated value 6 kV Protection class IP protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection alsas IP on the front IP65 Dissipation power loss [V] for rated value of the current at AC in hot operating state per pole Main circuit operational current • at AC-21 at 440 V rated value 100 A • at AC-21 at 440 V rated value 100 A • at AC-21 A at 440 V rated value 100 A • at AC-23 A at 440 V rated value 100 A	type of switch	Floor mounting with door coupling		
design of handle viving mechanism motor drive No Ceneral technical data number of poles 4 size of switch disconnector 3 mechanical service life (operating cycles) (typical 100 000 electrical endurance (operating cycles) (typical 200 000 operating frequency maximum 50 1/h degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 680 V surge voltage resistance rated value 6 kV Protection class IP degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP on the front IP65 Dissipation Dissipation Dissipation Walin circuit Operating state per pole ### at AC-21 A at 400 V rated value 100 A ### at AC-21 A at 440 V rated value 100 A ### at AC-23 A at 440 V rated value 100 A ### at AC-23 A at 440 V rated value 45 kW ### at AC-23 A at 440 V rated value 45 kW ### at AC-23 A at 440 V rated value 45 kW ### at AC-23 A at 460 V vated value 45 kW ### at AC-23 A at 440 V rated value 45 kW ### at AC-23 A at 440 V rated value 45 kW ### at AC-23 A at 440 V rated value 45 kW ### at AC-23 A at 440 V rated value 45 kW ### at AC-23 A at 440 V rated value 45 kW ### at AC-23 A at 440 V rated value 45 kW ### at AC-23 A at 440 V rated value 45 kW ### at AC-23 A at 460 V rated value 45 kW ### at AC-23 A at 460 V rated value 45 kW ### at AC-23 A at 460 V rated value 45 kW ### at AC-23 A at 460 V rated value 45 kW ### at AC-23 A at 460 V rated value 45 kW ### at AC-23 A at 460 V rated value 45 kW ### at AC-23 A at 460 V rated value 45 kW ### at AC-23 A at 460 V rated value 45 kW ### at AC-23 A at 690 V rated value 45 kW ### at AC-23 A at 690 V rated value 45 kW ### at AC-23 A at 690 V rated value 45 kW ### at AC-23 A at 690 V rated value 45 kW ### at AC-23 A at 690 V rated value 45 kW ### at AC-23 A at 690 V rated value 45 kW ### at AC-23 A at 690 V rated value 45 kW ### at AC-23 A at 690 V rated value 45 kW ### at AC-23 A at 690 V rated value 45 kW	design of the actuating element	door-coupling rotary operating mechanism		
type of the driving mechanism motor drive General technical data number of poles size of switch disconnector 3 mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) • at AC-23 A at 690 V 6 000 operating frequency maximum 50 1/h degree of pollution 3 Voltage insulation voltage rated value 6 6 kV Protection class protection class IP degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP on the front 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 Main circuit operational current • at AC-21 at 4690 V rated value 100 A • at AC-21 A at 400 V rated value 100 A • at AC-23 A at 400 V rated value	color of the actuating element	red		
A command technical data number of poles	design of handle	rotary operating mechanism, red/yellow		
Number of poles	type of the driving mechanism motor drive	No		
size of switch disconnector mechanical service life (operating cycles) typical electrical endurance (operating cycles) • at AC-23 A at 690 V 6 000 operating frequency maximum 50 1/h degree of pollution 3 Voltage insulation voltage rated value 890 V surge voltage resistance rated value 6 6 kV Protection class 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 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-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • 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 240 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value	General technical data			
mechanical service life (operating cycles) typical electrical endurance (operating cycles) • at AC-23 A at 260 V 6000 operating frequency maximum 50 1/h degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP on the front 1P65 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 240 V rated value • at AC-21 A at 440 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 440 V rated value	number of poles	4		
electrical endurance (operating cycles) • at AC-23 A at 690 V operating frequency maximum 50 1/h degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP 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 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-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 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 440 V rated value	size of switch disconnector	3		
at AC-23 A at 690 V operating frequency maximum 50 1/h degree of pollution 3 Voltage insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP on the front IP65 Dissipation power loss [IV] 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-23 A at 440 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 440 V rated value	mechanical service life (operating cycles) typical	100 000		
operating frequency maximum degree of pollution 3 Voltage insulation voltage rated value surge voltage resistance rated value 6 kV Protection class protection class IP degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP on the front IP65 Dissipation power loss [M] 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 440 V rated value	electrical endurance (operating cycles)			
degree of pollution Voltage insulation voltage rated value 690 V surge voltage resistance rated value 66 kV Protection class 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 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-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 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value	• at AC-23 A at 690 V	6 000		
insulation voltage rated value 690 V surge voltage resistance rated value 6 kV Protection class protection class IP 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 Main circuit operational current	operating frequency maximum	50 1/h		
insulation voltage rated value 690 V surge voltage resistance rated value 6 kV 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 Main circuit operational current • at AC-21 at 690 V rated value 100 A • at AC-21 A at 440 V rated value 100 A • at AC-21 A at 440 V rated value 100 A • at AC-23 A at 400 V rated value 100 A operating power • at AC-23 A at 440 V rated value 100 A operating power • at AC-23 A at 440 V rated value 100 A operating power • at AC-23 A at 440 V rated value 30 kW • at AC-23 A at 460 V rated value 37 kW	degree of pollution	3		
surge voltage resistance rated value Protection class 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 Main circuit operational current • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 440 V rated value • at AC-23 A at 400 V rated value • at AC-23 A at 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 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value	Voltage			
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 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 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value	insulation voltage rated value	690 V		
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 Main circuit operational current • at AC-21 at 690 V rated value 100 A • at AC-21 A at 240 V rated value 100 A • at AC-21 A at 400 V rated value 100 A • at AC-21 A at 440 V rated value 100 A • at AC-23 A at 400 V rated value 100 A • at AC-23 A at 400 V rated value 30 kW • at AC-23 A at 440 V rated value 45 kW • at AC-23 A at 440 V rated value 37 kW	surge voltage resistance rated value	6 kV		
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 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 440 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 460 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value	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 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 440 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value	protection class IP	IP65		
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 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 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value	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 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 operating power • at AC-23 A at 240 V rated value • at AC-23 A at 440 V rated value operating power • at AC-23 A at 440 V rated value • at AC-23 A at 690 V rated value 30 kW • at AC-23 A at 690 V rated value 37 kW	protection class IP on the front	IP65		
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 • at AC-23 A at 240 V rated value • at AC-23 A at 240 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value	Dissipation			
operational current • at AC-21 at 690 V rated value • at AC-21 A at 240 V rated value • at AC-21 A at 400 V rated value • at AC-21 A at 440 V rated value • at AC-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 240 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value • at AC-23 A at 690 V rated value		36 W		
 at AC-21 at 690 V rated value at AC-21 A at 240 V rated value at AC-21 A at 400 V rated value at AC-21 A at 440 V rated value at AC-23 A at 440 V rated value operating power at AC-23 A at 240 V rated value at AC-23 A at 440 V rated value at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value at AC-23 A at 690 V rated value 	Main circuit			
 at AC-21 A at 240 V rated value at AC-21 A at 400 V rated value at AC-21 A at 440 V rated value at AC-23 A at 400 V rated value operating power at AC-23 A at 240 V rated value at AC-23 A at 440 V rated value at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value at AC-23 A at 690 V rated value 	operational current			
 at AC-21 A at 400 V rated value at AC-21 A at 440 V rated value at AC-23 A at 400 V rated value 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-23 A at 690 V rated value 	• at AC-21 at 690 V rated value	100 A		
 at AC-21 A at 440 V rated value at AC-23 A at 400 V rated value operating power at AC-23 A at 240 V rated value at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value at AC-23 A at 690 V rated value 	• at AC-21 A at 240 V rated value	100 A		
 at AC-23 A at 400 V rated value operating power at AC-23 A at 240 V rated value at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value at AC-23 A at 690 V rated value 37 kW 	• at AC-21 A at 400 V rated value	100 A		
operating power • at AC-23 A at 240 V rated value • at AC-23 A at 440 V rated value • at AC-23 A at 690 V rated value 30 kW 45 kW 37 kW	• at AC-21 A at 440 V rated value	100 A		
 at AC-23 A at 240 V rated value at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value 30 kW 45 kW 37 kW 	• at AC-23 A at 400 V rated value	100 A		
 at AC-23 A at 440 V rated value at AC-23 A at 690 V rated value 37 kW 	operating power			
• at AC-23 A at 690 V rated value 37 kW	• at AC-23 A at 240 V rated value	30 kW		
	• at AC-23 A at 440 V rated value	45 kW		
at AC-3 at 240 V rated value 30 kW	• at AC-23 A at 690 V rated value	37 kW		
	• at AC-3 at 240 V rated value	30 kW		

• at AC-3 at 400 V rated value	45 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 insulation voltage of the auxiliary switch rated value	10 A 500 V
	500 V
Suitability	
suitability for use	Von
main switchswitch disconnector	Yes
Switch disconnector EMERGENCY OFF switch	Yes
safety switch	Yes
safety switch maintenance/repair switch	Yes
Product details	
special product feature	defeatable door-coupling handle
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	2
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	
המסף מווסתוססס טו מוכ טומטתכנ וטטתס	5 7.5 mm
Short circuit	3 7.3 IIIII
·	5 7.5 Hilli
Short circuit	5 7.5 mm 50 kA
Short circuit conditional short-circuit current with line-side fuse protection	
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value	50 kA
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value	50 kA
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch	50 kA 50 kA
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum	50 kA 50 kA 16 kA
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	50 kA 50 kA 16 kA
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible	50 kA 50 kA 16 kA
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch	50 kA 50 kA 16 kA 16 kA 15 kA
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum	50 kA 50 kA 16 kA 16 kA 15 kA
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s
conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s
conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A
conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum o at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 489/UL 60947-4-1	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 489/UL 60947-4-1 rated value operational current at AC according to UL 508/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 rated	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A 125 A
Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 489/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A 100 A
conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 489/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 60947-	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s 100 A 100 A 480 V
conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum permissible l2t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 489/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 489 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A 125 A 100 A 480 V
conditional short-circuit current with line-side fuse protection	50 kA 50 kA 16 kA 16 kA 15 kA 223 kA2.s 223 kA2.s 223 kA2.s Fuse gG: 125 A fuse gL/gG: 10 A 125 A 100 A 480 V 480 V

height 178 mm width 151 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes • 4-hole front mounting Yes • front mounting with central attachment No • rail mounting No net weight 2 400 g Environmental conditions ambient temperature during operation • minimum -25 °C ambient temperature during storage • minimum • 25 °C ambient temperature during storage • minimum • 25 °C ambient temperature during storage • minimum • 25 °C • maximum • 55 °C	Connections			
minimum maximum maximum maximum molitaccording to Ut. 489 minimum maximum maximum maximum maximum maximum maximum molitaccording to CSA C222 No. 5-16 minimum molitaccording to CSA C222 No. 5-16 molitaccording to CSA C22 No. 5-16 molitaccording to CSA C22 No. 5-16 molitaccording to CSA C25 No. 5-16 molitaccording to CSA C25 No. 5-16 mol				
• maximum 4/0 AWG number as coded connectable conductor cross section soil according to UL 489				
AWG number as coded connectable conductor cross section solid according to Ut. 489 • ininimum • maximum AWG number as coded connectable conductor cross section solid according to CSA C22.2 No. 5-16 • minimum • maximum 2/0 type of connectable conductor cross-sections for copper conductor • solid • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded 2/5 mm² lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75				
solid according to UL 489 • minimum • maximum AWG number as coded connectable conductor cross section solid according to CSA C22 No. 5-16 • minimum • maximum • maximum 120 Type of connectable conductor cross-sections for copper conductor • solid • finely stranded with core end processing • stranded † x (16185mm²) • stranded type of connectable conductor cross-sections for auxiliary contacts • solid • finely stranded with core end processing • stranded * finely stranded with core end processing • stranded * finely stranded with core end processing • stranded * finely stranded with core end processing • stranded * finely stranded with core end processing • stranded * finely stranded with core end processing • stranded * finely stranded with core end processing • stranded * finely stranded with core end processing • stranded *		4/0		
AWG number as coded connectable conductor cross section solid according to CSA C22 No. 5-16 • minimum • maximum • maximum • maximum • solid • finely stranded with core end processing • sloid • solid • finely stranded with core end processing • sloid • finely stranded with core end processing • sloid • solid • s				
AWG number as coded connectable conductor cross section solid according to CSA C22.2 No. 5-16 - minimum - maximum type of connectable conductor cross-sections for copper conductor - solid - finely stranded with core end processing - stranded - strand	• minimum	3		
solid according to CSA C22.2 No. 5-16	maximum	4/0		
type of connectable conductor cross-sections for copper (solid) 1x (16185mm²) 1x				
type of connectable conductor cross-sections for copper conductor solid sinely stranded with core end processing stranded type of connectable conductor cross-sections for auxiliary contacts solid solid solid solid stranded type of connectable conductor cross-sections for auxiliary contacts stranded	• minimum	3		
conductor 1x (16185mm²) stranded 1x (16185mm²) type of connectable conductor cross-sections for auxiliary contacts 1x (16185mm²) solid lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x (0,75 2,5mm²) solid lateral auxiliary switch 2x (0,75 2,5mm²), 1x 2,5mm², front auxiliary switch 1x 2,5mm² stranded with core end processing lateral auxiliary switch 2x (0,75 2,5mm²), 1x 2,5mm², front auxiliary switch 1x 2,5mm² stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm², front auxiliary switch 1x 2,5mm² of or main current circuit box terminal of or auxiliary contacts connection terminals Meight width 151 mm depth 158 mm type of device fixed mounting fastening method guilt-in unit fixed-mounted version 4-Hole front mounting Yes • front mounting with central attachment No • rail mounting 2400 g Environmental conditions • maximum - maximum -25 °C - minimum -25 °C	maximum	2/0		
in finely stranded with core end processing is stranded stranded stranded stranded stranded stranded stranded solid solid in finely stranded with core end process-sections for auxiliary contacts solid isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) isterial auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm² stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² in stranded isterial a				
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 1,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm² • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm	• solid	1x (16185mm²)	1x (16185mm²)	
type of connectable conductor cross-sections for auxiliary contacts • solid • solid • finely stranded with core end processing • stranded • stranded • stranded • type of electrical connection • for main current circuit • for auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • stranded • for main current circuit • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • type of electrical connection • for auxiliary contacts • tops of device • fixed mounting • fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting • rail mounting • rail mounting • rewight • average auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) • box terminal connection terminals • tox terminals • tips mm • tips mm • tips mm • tips mm • tips of device • fixed mounting • fastening method • 4-hole front mounting • 4-shole front mounting • front mounting with central attachment • no no noting • rail mounting with central attachment • rail mounting • tox terminals •	 finely stranded with core end processing 	1x (16150mm²)		
contacts • solid • solid • finely stranded with core end processing • stranded • stranded • stranded • stranded • stranded • stranded • for main current circuit • for auxiliary contacts • connection terminals Mochanical Design Height • stranded • 178 mm depth • 198 mm type of device fastening method • 4-hole front mounting • 4-hole front mounting • 4-hole front mounting with central attachment • rail mounting • rounding the mounting method • and provident attachment • rail mounting method • and provident attachment • rail mounting method • and provident attachment • rail mounting method • and provident attachment • rail mounting • rail	• stranded	1x (16185mm²)		
• finely stranded with core end processing • stranded • stranded • stranded • stranded lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm², front auxiliary switch 1x 2,5mm² 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 • for auxiliary contacts box terminal • for auxiliary contacts connection terminals Mechanical Design height width 151 mm depth type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes • front mounting with central attachment No • rail mounting with central attachment No net weight 2 400 g Environmental conditions ambient temperature during operation minimum -25 °C • maximum 55 °C emaximum -25 °C eminimum -25 °C				
stranded 2,5mm² lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) type of electrical connection	• solid			
type of electrical connection • for main current circuit • for auxiliary contacts connection terminals Mechanical Design Height 178 mm width depth 158 mm type of device fixed mounting fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net wight 2400 g Environmental Conditions ambient temperature during operation • minimum • 25 °C ambient temperature during storage • minimum • minimum • 25 °C • maximum • minimum • 25 °C	finely stranded with core end processing			
• for main current circuit • for auxiliary contacts connection terminals Mechanical Design height 178 mm width 151 mm depth 158 mm type of device fastening method fastening method 4-hole front mounting • front mounting with central attachment • rail mounting net weight 2 400 g Environmental conditions ambient temperature during operation • minimum • maximum • minimum • 25 °C ambient temperature during storage • minimum • maximum • maximum • 55 °C	• stranded			
• for auxiliary contacts Mechanical Design height 178 mm width 151 mm depth 158 mm type of device fixed mounting fastening method fastening method • 4-hole front mounting Yes • front mounting with central attachment No • rail mounting net weight 2 400 g Environmental conditions ambient temperature during operation • minimum • maximum • rail mounting storage • minimum • 55 °C ambient temperature during storage • minimum • -25 °C • maximum • 55 °C	type of electrical connection			
height 178 mm width 151 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes front mounting Yes front mounting with central attachment No rail mounting No net weight 2 400 g Environmental conditions ambient temperature during operation minimum minim	for main current circuit	box terminal		
height 178 mm width 151 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes • 4-hole front mounting Yes • front mounting with central attachment No • rail mounting No net weight 2 400 g Environmental conditions ambient temperature during operation • minimum -25 °C ambient temperature during storage • minimum • 25 °C ambient temperature during storage • minimum • 25 °C ambient temperature during storage • minimum • 25 °C • maximum • 55 °C	for auxiliary contacts	connection terminals		
width 151 mm depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes • 4-hole front mounting Yes • front mounting with central attachment No • rail mounting No net weight 2 400 g Environmental conditions ambient temperature during operation • minimum • maximum 55 °C ambient temperature during storage • minimum • minimum • 25 °C ambient temperature during storage • minimum • minimum • 25 °C 55 °C	Mechanical Design			
depth 158 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes front mounting with central attachment No rail mounting with central attachment No rail mounting No net weight 2 400 g Environmental conditions ambient temperature during operation minimum -25 °C ambient temperature during storage minimum -25 °C ambient temperature during storage minimum -25 °C ambient maximum 55 °C	height	178 mm		
type of device fixed mounting fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • maximum • maximum -25 °C ambient temperature during storage • minimum -25 °C • maximum -25 °C • maximum -25 °C • maximum -25 °C	width	151 mm		
fastening method fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • maximum • maximum -25 °C ambient temperature during storage • minimum • -25 °C ambient temperature during storage • minimum • maximum -25 °C	depth	158 mm		
fastening method • 4-hole front mounting • front mounting with central attachment • rail mounting net weight Environmental conditions ambient temperature during operation • minimum • maximum 55°C ambient temperature during storage • minimum -25°C ambient temperature during storage • minimum -25°C -55°C	type of device	fixed mounting	fixed mounting	
4-hole front mounting front mounting with central attachment rail mounting No net weight 2 400 g Environmental conditions ambient temperature during operation minimum maximum 55 °C ambient temperature during storage minimum -25 °C ambient temperature during storage minimum 55 °C	fastening method	Built-in unit fixed-mounted version		
4-hole front mounting front mounting with central attachment rail mounting No net weight 2 400 g Environmental conditions ambient temperature during operation minimum maximum 55 °C ambient temperature during storage minimum -25 °C ambient temperature during storage minimum 55 °C	·			
front mounting with central attachment rail mounting No net weight 2 400 g Environmental conditions ambient temperature during operation minimum rail mounting minimum rail mounting -25 °C ambient temperature during storage minimum rail mounting with central attachment No No 2 400 g Environmental conditions -25 °C ambient temperature during storage minimum rail mounting -25 °C ambient temperature during storage minimum rail mounting -25 °C ambient temperature during storage minimum -25 °C	-	Yes		
 ◆ rail mounting No net weight 2 400 g Environmental conditions ambient temperature during operation ◆ minimum ← 25 °C ◆ maximum 55 °C ambient temperature during storage ◆ minimum ← 25 °C • maximum 55 °C 	-			
net weight Environmental conditions ambient temperature during operation • minimum • maximum 55 °C ambient temperature during storage • minimum -25 °C • maximum 55 °C	S			
Environmental conditions ambient temperature during operation • minimum • maximum 55 °C ambient temperature during storage • minimum -25 °C • maximum 55 °C	*			
ambient temperature during operation • minimum • maximum 55 °C ambient temperature during storage • minimum -25 °C • maximum 55 °C	Environmental conditions			
 minimum maximum 55 °C ambient temperature during storage minimum maximum 55 °C 				
 maximum ambient temperature during storage minimum maximum 55 °C 		-25 °C		
ambient temperature during storage				
 minimum -25 °C maximum 55 °C 				
• maximum 55 °C		-25 °C		
General Product Approval Declaration of Conformity	General Product Approval		Declaration of Conformity	



Confirmation



EHC





other

<u>Confirmation</u> <u>Miscellaneous</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=3LD5410-0TL13

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD5410-0TL13

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

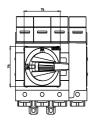
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD5410-0TL13

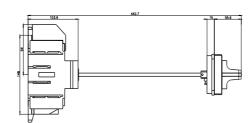
CAx-Online-Generator

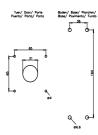
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications









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