Technical specifications

according to IEC 60947-3, EN 60947-3 UL 508, KEMA certified				5TE1 .1	5TE1 .2	5TE1 .3	5TE1 .4
Rated operational current I_e with utilization category AC-21A	per conducting path at U_e =	400 V	A	100	125	160	200
		415 V	A	100	125	160	200
		500 V	A	100	125	160	200
		690 V	A	100	125	160	200
Rated operational current I_e with utilization category AC-22A	per conducting path at U_e =	400 V	A	100	125	160	200
		415 V	A	100	125	160	200
		500 V	A	100	100	160	200
		690 V	A	63		160	200
Rated operational current I_e with utilization category AC-23A	per conducting path at U_e =	400 V	A	80		125	160
		415 V	A	80		125	160
		500 V	A	50		125	
		690 V	A	40		63	80
Rated operational current I_e with utilization category DC-23A	2 poles in series	110 V	A	100		160	
	2 poles in series	220 V	A	--		100	
	4 poles in series	220 V	A	100		160	
Rated operational voltage U_e			V AC	690			
Rated insulation voltage U_i			V AC	690			
Rated impulse withstand voltage U_{imp}	2000 m		kV	8			
Impulse test voltage	at sea level		kV	12.3			
Max. rated operational power AC-23A	at U_e =	400 V	kW	44		69	88
		415 V	kW	46		72	92
		500 V	kW	35		86	86
		690 V	kW	36		60	76
Thermal rated current I_{the}	at 40 °C, 50 °C and 60 °C		A	100	125	160	200
Rated making capacity	at 415 V AC-23A		A	1875		3200	4000
Rated breaking capacity	at 415 V AC-23A		A	1000		1920	2400
Rated ultimate short-circuit breaking capacity I_{cm}	per conducting path at U_e =	400 V	kA	10			
		415 V	kA	10			
		500 V	kA	6.7			
		690 V	kA	6.7			
Rated short-time withstand current I_{cw} (peak value)	per conducting path	0.25 s	kA	5		6	
		1 s	kA	2.5		3	
Rated conditional short-circuit current with back-up protection with back-up fuse with identical rated current	at U_e =	400 V	kA	50			
		415 V	kA	50			
		500 V	kA	50			
		690 V	kA	33	33	20	18
Capacitive load	at 400 V		kVar	50	60	77	97
Number of poles	poles			2/3/4			
Rated power dissipation P_v	per pole		VA	2.9	4.5	6.5	10
Frequency			Hz	50/60			