

Product datasheet

Specifications

Air Circuit Breakers

MA3-50E 4P 5000A 3H 135kA Fixed type

MA3-50E43HFH

Standard	IEC/EN 60947-2	
Model	MA3-50E	
Rated current at 40°C, I_n	5000A	
Setting current (A) Control trip relay (... × I_n max)	0.4 ~ 1.0	
Number of poles	4	
Rated frequency	50/60Hz	
Rated Operational Voltage, U_e	AC 415V/690V	
Rated Insulation Voltage, U_i	1000V	
Impulse Withstand Voltage, U_{imp}	12kV	
Intelligent trip unit type	3H	
Breaking capacity level	D / E	
Ultimate breaking capacity	400/415V	135 / 135
I_{cu} (kA rms) IEC/EN 60947-2	660/690V	100 / 100
Rated service breaking capacity	400/415V	135 / 135
I_{cs} (kA rms) IEC/EN 60947-2	660/690V	100 / 100
Rated short-time withstand current I_{cw} (kA rms (1s – 415V))	135	
Operating time (ms)	Maximum total breaking time	≤35
	Maximum closing time	≤75
Mechanical life	Maintenance free	2500 times
	Maintenance required	5000 times
Electrical life	1500 times	
Terminal connection Horizontal / Vertical / Mixed	● / ○ / ○	
Weight	131kg	
Dimension (W x D x H)	922x396x401mm	

