

Product datasheet

Specifications

Air Circuit Breakers

MA3-40D 4P 4000A 3H 100kA Fixed type

MA3-40D43HFH



Standard	IEC/EN 60947-2	
Model	MA3-40D	
Rated current at 40°C, I _n	4000A	
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	100 / 100
I _{cu} (kA rms) IEC/EN 60947-2	660/690V	85 / 85
Rated service breaking capacity	400/415V	100 / 100
I _{cs} (kA rms) IEC/EN 60947-2	660/690V	85 / 85
Rated short-time withstand current I _{cw} (kA rms (1s – 415V))	100	
Operating time (ms)	Maximum total breaking time	≤30
	Maximum closing time	≤70
Mechanical life	Maintenance free	10000 times
	Maintenance required	20000 times
Electrical life	6000 times	
Terminal connection Horizontal / Vertical / Mixed	● / ○ / ○	
Weight	81kg	
Dimension (W x D x H)	535x385x398mm	

