

Product datasheet

Specifications

Air Circuit Breakers

MA3-16B 4P 1600A 3H 80kA Draw-out type

MA3-16B43HDDH

Standard	IEC/EN 60947-2	
Model	MA3-16B	
Rated current at 40°C, I _n	1600A	
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	80 / 65
I _{cu} (kA rms) IEC/EN 60947-2	660/690V	65 / 65
Rated service breaking capacity	400/415V	65 / 65
I _{cs} (kA rms) IEC/EN 60947-2	660/690V	65 / 65
Rated short-time withstand current I _{cw} (kA rms (1s – 415V))	65	
Operating time (ms)	Maximum total breaking time	≤35
	Maximum closing time	≤75
Mechanical life	Maintenance free	15000 times
	Maintenance required	30000 times
Electrical life	8000 times	
Terminal connection Horizontal / Vertical / Mixed	● / ○ / ●	
Weight	97kg	
Dimension (W x D x H)	470x419x432mm	

