

# Product datasheet

## Specifications

### Air Circuit Breakers

### MA3-12B 4P 1250A 3H 80kA Fixed type

MA3-12B43HFH



Standard	IEC/EN 60947-2	
Model	MA3-12B	
Rated current at 40°C, I <sub>n</sub>	1250A	
Setting current (A) Control trip relay ( ... × I <sub>n</sub> max)	0.4 ~ 1.0	
Number of poles	4	
Rated frequency	50/60Hz	
Rated Operational Voltage, U <sub>e</sub>	AC 415V/690V	
Rated Insulation Voltage, U <sub>i</sub>	1000V	
Impulse Withstand Voltage, U <sub>imp</sub>	12kV	
Intelligent trip unit type	3H	
Breaking capacity level	D / E	
Ultimate breaking capacity	400/415V	80 / 65
I <sub>cu</sub> (kA rms) IEC/EN 60947-2	660/690V	65 / 50
Rated service breaking capacity	400/415V	65 / 65
I <sub>cs</sub> (kA rms) IEC/EN 60947-2	660/690V	50 / 50
Rated short-time withstand current I <sub>cw</sub> (kA rms (1s – 415V))	65	
Operating time (ms)	Maximum total breaking time	≤30
	Maximum closing time	≤70
Mechanical life	Maintenance free	15000 times
	Maintenance required	30000 times
Electrical life	8000 times	
Terminal connection Horizontal / Vertical / Mixed	● / ○ / ○	
Weight	54kg	
Dimension (W x D x H)	457x323x401mm	

