

Product datasheet

Specifications

Air Circuit Breakers

MA3-40D 3P 4000A 3H 100kA Draw-out type

MA3-40D33HDH

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	3	
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	120 / 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	≤35
	Maximum closing time	≤75
Mechanical life	Maintenance free	10000 times
	Maintenance required	20000 times
Electrical life	6000 times	
Terminal connection Horizontal / Vertical / Mixed	● / ○ / ●	
Weight	126kg	
Dimension (W x D x H)	435×489×432mm	

