

Motor-Protective Circuit-Breakers, 1-1,6A, 3p



**Part no.**                    **Z-MS-1,6/3**  
**248407**

Product name		Eaton Distribution parts
Part no.		Z-MS-1,6/3
EAN		4015082484071
Product Length/Depth		80 millimetre
Product height		75 millimetre
Product width		54 millimetre
Product weight		0.366 kilogram
Compliances		RoHS conform
Product Tradename		None
Product Type		Distribution parts
Product Sub Type		None
Public Consumption		Yes
Product Family Description		ES-PMCC-PDC-Eaton Distribution parts
Globally Marketable		Yes
Actuator type		Rocker lever
Adjustment range short-term delayed short-circuit release - min		16 A
Adjustment range undelayed short-circuit release - max		21 A
Adjustment range undelayed short-circuit release - min		16 A
Degree of protection		IP20
Device construction		Complete device in housing
Electrical connection type of main circuit		Screw connection
Equipment heat dissipation, current-dependent		5.4 W
Fitted with:		Thermal protection
Heat dissipation per pole, current-dependent		1.8 W
Number of poles		Three-pole
Overload release current setting - max		1.6 A
Overload release current setting - min		1 A
Rated operating power at AC-3, 230 V		0 kW
Rated operating power at AC-3, 400 V		0.55 kW
Rated operating voltage (Ue) - max		400 V
Rated operating voltage (Ue) - min		400 V
Rated operational current for specified heat dissipation (I <sub>n</sub> )		1.6 A
Rated short-circuit breaking capacity at 400 V AC		10 kA
Rated uninterrupted current (I <sub>u</sub> )		1.6 A
Switch off technique		Magnetic

**Technical data ETIM 8.0**

Low-voltage industrial components (EG000017) / Motor protection circuit-breaker (EC000074)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Motor protection circuit-breaker (ecl@ss10.0.1-27-37-04-01 [AGZ529016])		
Overload release current setting	A	1 - 1.6
Adjustment range undelayed short-circuit release	A	16 - 21
With thermal protection		Yes
Phase failure sensitive		No
Switch off technique		Magnetic
Rated operating voltage	V	400 - 400
Rated permanent current I <sub>u</sub>	A	1.6

Rated operation power at AC-3, 230 V	kW	0
Rated operation power at AC-3, 400 V	kW	0.55
Type of electrical connection of main circuit		Screw connection
Type of control element		Rocker lever
Device construction		Complete device in housing
With integrated auxiliary switch		No
With integrated under voltage release		No
Number of poles		3
Rated short-circuit breaking capacity I <sub>cu</sub> at 400 V, AC	kA	10
Degree of protection (IP)		IP20
Height	mm	75
Width	mm	54
Depth	mm	80