

## Motor-protective circuit-breaker, 3p, Ir=8-12A

**Part no.** PKZM0-12-EA  
189904

General specifications		
Product name		Eaton Moeller® series PKZM0 Motor-protective circuit-breaker
Part no.		PKZM0-12-EA
EAN		4015081879007
Product Length/Depth		76 millimetre
Product height		93 millimetre
Product width		45 millimetre
Product weight		0.295 kilogram
Compliances		RoHS conform CE Marked
Product Tradename		PKZM0
Product Type		Motor-protective circuit-breaker
Product Sub Type		None
Features & Functions		
Actuator type		Turn button
Functions		Phase failure sensitive
Number of poles		Three-pole
General information		
Degree of protection		IP20
Electrical rating		
Rated operational power at AC-3, 220/230 V, 50 Hz		3 kW
Rated operational power at AC-3, 380/400 V, 50 Hz		5.5 kW
Rated operational voltage (Ue) - min		690 V
Rated operational voltage (Ue) - max		690 V
Rated uninterrupted current (Iu)		12 A
Short-circuit rating		
Rated short-circuit breaking capacity Icu at 400 V AC		50 kA
Rated short-circuit breaking capacity Ics at 400 V AC		38 kA
Rated short-circuit breaking capacity Icu at 440 V AC		15 kA
Rated short-circuit breaking capacity Ics at 440 V AC		12 kA
Rated short-circuit breaking capacity Icu at 500 V AC		15 kA
Rated short-circuit breaking capacity Ics at 500 V AC		4 kA
Rated short-circuit breaking capacity Icu at 690 V AC		3 kA
Rated short-circuit breaking capacity Ics at 690 V AC		2 kA
Trip blocks		
Overload release current setting - min		8 A
Overload release current setting - max		12 A

## 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	8 - 12
Adjustment range undelayed short-circuit release	A	186 - 186
With thermal protection		No
Phase failure sensitive		Yes
Switch off technique		Thermomagnetic
Rated operating voltage	V	690 - 690
Rated permanent current Iu	A	12

Rated operation power at AC-3, 230 V	kW	3
Rated operation power at AC-3, 400 V	kW	5.5
Type of electrical connection of main circuit		Screw connection
Type of control element		Turn button
Device construction		Built-in device fixed built-in technique
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	50
Degree of protection (IP)		IP20
Height	mm	93
Width	mm	45
Depth	mm	76