

Motor-protective circuit-breaker, 3p, Ir=6.3-10A, screw connection



Part no. PKZM0-10-EA
189903

General specifications		
Product name		Eaton Moeller® series PKZM0 Motor-protective circuit-breaker
Part no.		PKZM0-10-EA
EAN		4015081878994
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
Climatic environmental conditions		
Ambient operating temperature (enclosed) - min		-25 °C
Ambient storage temperature - min		-40 °C
Electrical rating		
Rated operational power at AC-3, 220/230 V, 50 Hz		2.2 kW
Rated operational power at AC-3, 380/400 V, 50 Hz		4 kW
Rated operational voltage (Ue) - min		690 V
Rated operational voltage (Ue) - max		690 V
Rated uninterrupted current (Iu)		10 A
Short-circuit rating		
Rated short-circuit breaking capacity Icu at 400 V AC		150 kA
Rated short-circuit breaking capacity Ics at 400 V AC		150 kA
Rated short-circuit breaking capacity Icu at 440 V AC		50 kA
Rated short-circuit breaking capacity Ics at 440 V AC		50 kA
Rated short-circuit breaking capacity Icu at 500 V AC		42 kA
Rated short-circuit breaking capacity Ics at 500 V AC		11 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
Short-circuit current rating (group protection)		50 kA, 600 V High Fault, Fuse, SCCR (UL/CSA) with 150 A, 600 V High Fault, Fuse, SCCR (UL/CSA) 30 kA, 600 V High Fault, Fuse, SCCR (UL/CSA) with 600 A, 600 V High Fault, Fuse, SCCR (UL/CSA) 30 kA, 600 V High Fault, CB, SCCR (UL/CSA) with 600 A, 600 V High Fault, CB, SCCR (UL/CSA)
Trip blocks		
Overload release current setting - min		6.3 A
Overload release current setting - max		10 A

Technical data ETIM 9.0

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@ss13-27-37-04-01 [AGZ529021])

Overload release current setting	A	6.3 - 10
Adjustment range undelayed short-circuit release	A	155 - 155
With thermal overload protection		
Phase failure sensitive		Yes
Switch off technique		Thermomagnetic
Rated operating voltage	V	690 - 690
Rated permanent current I _u	A	10
Rated operation power at AC-3, 230 V	kW	2.2
Rated operation power at AC-3, 400 V	kW	4
Power loss	W	6.48
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		
With integrated under voltage release		
Number of poles		3
Rated short-circuit breaking capacity I _{cu} at 400 V, AC	kA	150
Degree of protection (IP)		IP20
Height	mm	93
Width	mm	45
Depth	mm	76