

# DATASHEET - PKZM01-6,3-EA



## Motor-protective circuit-breaker, 440 V: 4 kW, Ir= 4 - 6.3 A, IP20

**Part no.** **PKZM01-6,3-EA**  
**189888**

General specifications		
Product name		Eaton Moeller® series PKZM01 Motor-protective circuit-breaker
Part no.		PKZM01-6,3-EA
EAN		4015081878840
Product Length/Depth		93 millimetre
Product height		90 millimetre
Product width		45 millimetre
Product weight		0.3 kilogram
Compliances		CE Marked RoHS conform
Product Tradename		PKZM01
Product Type		Motor-protective circuit-breaker
Product Sub Type		None
Features & Functions		
Actuator type		Push 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		1.1 kW
Rated operational power at AC-3, 380/400 V, 50 Hz		2.2 kW
Rated operational voltage (Ue) - min		440 V
Rated operational voltage (Ue) - max		440 V
Rated uninterrupted current (Iu)		6.3 A
Short-circuit rating		
Rated short-circuit breaking capacity Icu at 400 V AC		50 kA
Short-circuit current rating (group protection)		50 kA, 600 V High Fault, CB, SCCR (UL/CSA) with 600 A, 600 V High Fault, CB, SCCR (UL/CSA) 50 kA, 600 V High Fault, Fuse, SCCR (UL/CSA) with 600 A, 600 V High Fault, Fuse, SCCR (UL/CSA)
Trip blocks		
Overload release current setting - min		4 A
Overload release current setting - max		6.3 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		4 - 6.3
Adjustment range undelayed short-circuit release	A		98 - 98
With thermal overload protection			No
Phase failure sensitive			Yes
Switch off technique			Thermomagnetic
Rated operating voltage	V		440 - 440
Rated permanent current Iu	A		6.3
Rated operation power at AC-3, 230 V	kW		1.1

Rated operation power at AC-3, 400 V	kW	2.2
Power loss	W	5.68
Type of electrical connection of main circuit		Screw connection
Type of control element		Push 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	90
Width	mm	45
Depth	mm	93