

Current limiter, 3p, 63A, 400VAC/100kA, 690VAC/10kA

Part no. **CL-PKZO**
082881
 EL Number
 (Norway) **4355154**

General specifications	
Product name	Eaton Moeller® series PKZO Current limiter
Part no.	CL-PKZO
EAN	4015080828815
Product Length/Depth	56 millimetre
Product height	90 millimetre
Product width	45 millimetre
Product weight	0.201 kilogram
Certifications	UL File No.: E36332 CSA File No.: 165628 CSA-C22.2 No. 14 UL Category Control No.: NLRV CE CSA UL 508 CSA Class No.: 3211-05 IEC/EN 60947-4-1 UL
Product Tradename	PKZO
Product Type	Current limiter
Product Sub Type	None
Features & Functions	
Functions	Short-circuit current limiter Can be used for individual and group protection
General information	
Mounting position	Next to or behind the motor protective circuit breaker
Overvoltage category	III
Pollution degree	3
Product category	Accessories
Rated impulse withstand voltage (Uimp)	6000 V AC
Type	Motor-protective circuit-breaker, non-auto-protected in order to increase switching capacity
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Electrical rating	
Rated operational voltage	Max. 690 V 690 V AC
Rated uninterrupted current (Iu)	63 A
Short-circuit rating	
Rated conditional short-circuit current (Iq)	0 kA
Design verification	
Equipment heat dissipation, current-dependent Pvid	8.4 W
Heat dissipation capacity Pdis	0 W
Heat dissipation per pole, current-dependent Pvid	2.8 W
Rated operational current for specified heat dissipation (In)	63 A
Static heat dissipation, non-current-dependent Pvs	0 W
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	Meets the product standard's requirements.

10.2.5 Lifting		Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact		Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions		Meets the product standard's requirements.
10.3 Degree of protection of assemblies		Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances		Meets the product standard's requirements.
10.5 Protection against electric shock		Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components		Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections		Is the panel builder's responsibility.
10.8 Connections for external conductors		Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength		Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage		Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material		Is the panel builder's responsibility.
10.10 Temperature rise		The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function		The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Current limiter (EC000239)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Current limiter (ecl@ss13-27-37-04-16 [AKF014018])		
Max. apparent power	VA	0
Mounting method		DIN rail
Conditioned rated short-circuit current I _q	kA	0
Rated permanent current I _u	A	63
Short-circuit current limiter		Yes