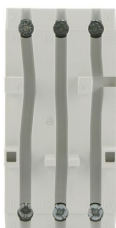


Specifications



Eaton 082881

Eaton Moeller® series PKZ0 Current limiter,
3p, 63A, 400VAC/100kA, 690VAC/10kA

General specifications

PRODUCT NAME	Eaton Moeller® series PKZ0 Current limiter
CATALOG NUMBER	082881
MODEL CODE	CL-PKZ0
EAN	4015080828815
PRODUCT LENGTH/DEPTH	56 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.201 kg
CERTIFICATIONS	CSA Class No.: 3211-05 UL 508 CSA-C22.2 No. 14 IEC/EN 60947-4-1 CE UL Category Control No.: NLRV CSA CSA File No.: 165628 UL UL File No.: E36332



Powering Business Worldwide

Climatic environmental conditions

**AMBIENT OPERATING
TEMPERATURE - MAX** 55 °C

**AMBIENT OPERATING
TEMPERATURE - MIN** -25 °C

Design verification

**RATED OPERATIONAL
CURRENT FOR SPECIFIED
HEAT DISSIPATION (IN)** 63 A

**STATIC HEAT
DISSIPATION, NON-
CURRENT-DEPENDENT
PVS** 0 W

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.

**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.
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	8.4 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	2.8 W

Electrical rating

RATED OPERATIONAL VOLTAGE	Max. 690 V 690 V AC
RATED UNINTERRUPTED CURRENT (IU)	63 A

Features & functions

FUNCTIONS	Short-circuit current limiter Can be used for individual and group protection
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General information

MOUNTING METHOD	DIN rail
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

Resources

BROCHURES	eaton-push-in-technology-product-overview-brochure-br034012-en-us.pdf eaton-motor-starters-system-xstart-brochure-br03407001en-en-us.pdf
CATALOGUES	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-current-limiter-declaration-of-conformity-eu250701en.pdf eaton-current-limiter-declaration-of-conformity-uk251184en.pdf
DRAWINGS	eaton-manual-motor-starters-current-pkz0-current-limiter-dimensions.eps eaton-manual-motor-starters-pkz0-current-limiter-3d-drawing.eps
ECAD MODEL	ETN.082881.edz
INSTALLATION VIDEOS	WIN-WIN with push-in technology DA-CS-cl_pkz0
MCAD MODEL	eaton-current-limiters-mcad-drawings-cl-pkz0.dwg
SALES NOTES	eaton-link-module-for-motor-starters-pkz-flyer-fl034003en-en-us.pdf
WIRING DIAGRAMS	eaton-manual-motor-starters-current-pkz0-current-limiter-wiring-diagram.eps

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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