



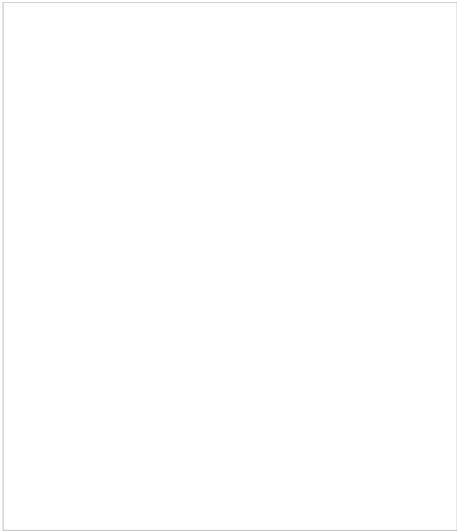
< มอเตอร์เซอร์กิตเบรกเกอร์ รุ่น PKZ
229677


Overview


Specifications


Resources

วิธีการ



229677

Eaton Moeller® series PKZM0 Motor-protective circuit breaker with spring clamp connection PKZM0-6,3-C

ติดต่อเราเพื่อรับข้อมูลสินค้า

Photo is representative

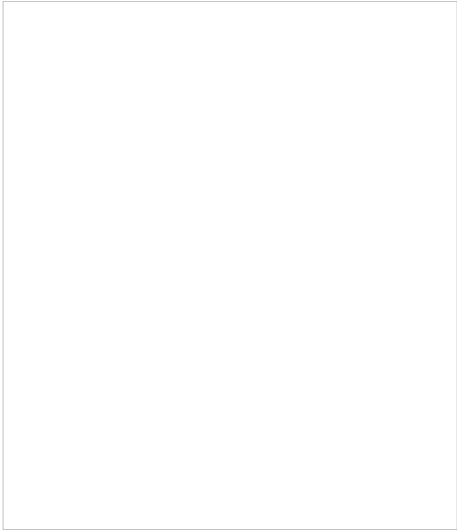


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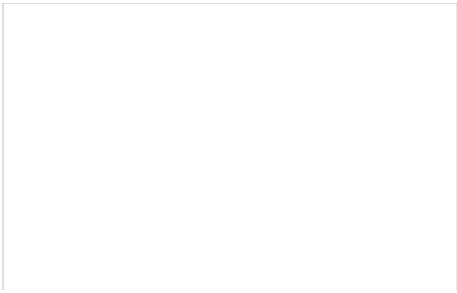


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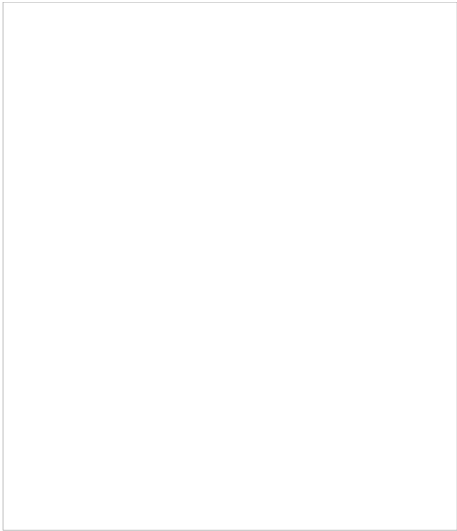


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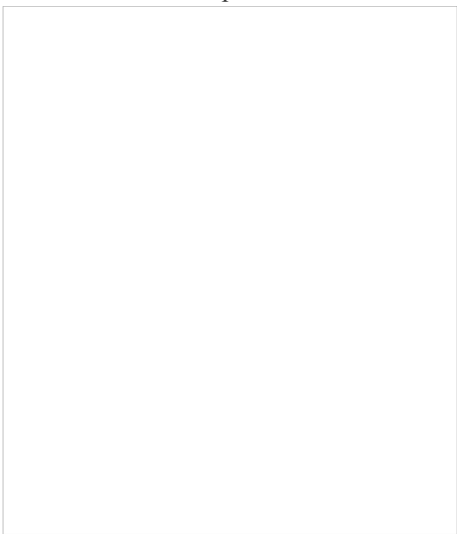


Photo is representative



Designed to work together

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082882

Eaton Moeller® series NHI Standard auxiliary contact, NHI-E, 1 N/O, 1 NC, Can be fitted to the front, Screw terminals

072896

Eaton Moeller® series NHI Standard auxiliary contact, 1 N/O, 1 NC, Can be retrofitted on the right side of motor-protective circuit-breakers, Screw terminals

219654

Eaton Moeller® series CI-K Insulated enclosure, for PKZ0, 160 x 100 x 130 mm, +rotary handle, black/grey

072894

Eaton Moeller® series NHI Standard auxiliary contact, 2N/O+1N/C, screw connection

View more

View less

GENERAL SPECIFICATIONS

General specifications	>	PRODUCTNAME	Eaton Moeller® series PKZM0 Motor-protective circuit-breaker
		CATALOG NUMBER	229677
คุณสมบัติและการทำงาน	>	MODEL CODE	PKZM0-6,3-C
		EAN	4015082296773
ข้อมูลทั่วไป	>	PRODUCT LENGTH/DEPTH	76 mm
		PRODUCT HEIGHT	93 mm
สภาวะทางสภาพภูมิอากาศ	>	PRODUCT WIDTH	45 mm
		PRODUCT WEIGHT	0.288 kg
ความจุเทอร์มินอล	>		CSA CSA File No.: 165628 CSA Class No.: 3211-05
พิกัดไฟฟ้า	>		UL File No.: E36332 IEC/EN 60947 IEC/EN 60947-4-1
พิกัดการลัดวงจร	>	CERTIFICATIONS	UL Category Control No.: NLRV VDE 0660 CSA-C22.2 No. 60947-4-1-14
			CE
พิกัดมอเตอร์	>		UL UL 60947-4-1
การสื่อสารข้อมูล	>	CATALOG NOTES	This item can only be ordered until December 31, 2023, with a delivery date of May 31, 2024.

คุณสมบัติและการทำงาน

ACTUATOR TYPE	Turn button
FEATURES	Phase-failure sensitivity (according to IEC/EN 60947-1 Part 102)
FUNCTIONS	Motor protection Phase failure sensitive
NUMBER OF POLES	Three-pole

ข้อมูลทั่วไป

EXPLOSION SAFETY CATEGORY FOR DUST	ATEX dust-ex-protection, PTB 10, ATEX 3013, E
LIFESPAN, ELECTRICAL	100,000 operations (at 400V, AC-3)
LIFESPAN, MECHANICAL	100,000 Operations (Main conducting paths)
MOUNTING POSITION	Can be snapped on to IEC/EN 60715 top-hat rail with 15 mm height.
OPERATING FREQUENCY	40 Operations/h
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PRODUCT CATEGORY	Motor protective circuit breaker
PROTECTION	Finger and back-of-hand proof Protection against direct actuation from front (EN 50274)
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
SHOCK RESISTANCE	25 g, Mechanical, according to IEC/EN 60068-2-27 shock 10 ms
SUITABLE FOR	Branch circuit: Manual type E if used with terminal block installations, (UL/CSA) Also motors with efficiency class IE3
TEMPERATURE COMPENSATION	-5 - 40 °C to IEC/EN 60947, VDE 0660 ≤ 0.25 %/K, residual error for T > 40° -25 - 55 °C, Operating range

สภาวะทางสภาพภูมิอากาศ

ALTITUDE	Max. 2000 m
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE - MAX	55 °C

AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	25 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °C
AMBIENT STORAGE TEMPERATURE - MIN	40 °C
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

ความจุเทอร์มินอล

TERMINAL CAPACITY (FLEXIBLE)	2 x (0.75 - 2.5) mm ² , ferrule to DIN 46228, Spring- 1 x (0.75 - 2.5) mm ² , ferrule to DIN 46228, Spring-
TERMINAL CAPACITY (SOLID)	2 x (0.75 - 2.5) mm ² , Spring-loaded terminals 1 x (0.75 - 2.5) mm ² , Spring-loaded terminals
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 14
STRIPPING LENGTH (MAIN CABLE)	10 mm
TIGHTENING TORQUE	1 Nm, Screw terminals, Control circuit cables

พิกัดไฟฟ้า

RATED FREQUENCY - MIN	50 Hz
RATED FREQUENCY - MAX	60 Hz
RATED OPERATIONAL CURRENT (IE)	6.3 A
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	690 V
RATED OPERATIONAL VOLTAGE (UE) - MAX	690 V
RATED UNINTERRUPTED CURRENT (IU)	6.3 A

พิกัดการลัดวงจร

SHORT-CIRCUIT CURRENT	60 kA DC, up to 250 V DC, Main conducting path 600 A, 600 V High Fault, max. Fuse, SCCR (UL/C
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SHORT-CIRCUIT CURRENT RATING (GROUP PROTECTION)	600 A, 600 V High Fault, max. CB, SCCR (UL/CSA) 50 kA, 600 V High Fault, CB, SCCR (UL/CSA) 50 kA, 600 V High Fault, Fuse, SCCR (UL/CSA)
SHORT-CIRCUIT CURRENT RATING (TYPE E)	Accessories required BK25/3-PKZ0-E 50 kA, 600 V/347 V, SCCR (UL/CSA) 65 kA, 480 V/277 V, SCCR (UL/CSA) 65 kA, 240 V, SCCR (UL/CSA)
SHORT-CIRCUIT RELEASE	97.7 A, 1mm, Setting range max. ± 20% tolerance, Trip blocks Basic device fixed 15.5 x lu, Trip Blocks
พิกัดมอเตอรื	
ASSIGNED MOTOR POWER AT 115/120 V, 60 HZ, 1-PHASE	0.25 HP
ASSIGNED MOTOR POWER AT 200/208 V, 60 HZ, 3-PHASE	1 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 1-PHASE	0.5 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 3-PHASE	1.5 HP
ASSIGNED MOTOR POWER AT 460/480 V, 60 HZ, 3-PHASE	3 HP
ASSIGNED MOTOR POWER AT 575/600 V, 60 HZ, 3-PHASE	5 HP
การสือสารข้อมูล	
CONNECTION	Spring-loaded terminals
บลิอกัดดวงจร	
OVERLOAD RELEASE CURRENT SETTING - MIN	4 A
OVERLOAD RELEASE CURRENT SETTING - MAX	6.3 A
TRIPPING CHARACTERISTIC	Overload trigger: tripping class 10 A
การตรวจสอบการออกแบบ	
EQUIPMENT HEAT DISSIPATION, CURRENT-	5 68 W

DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	1.89 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	6.3 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 lifted.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be lifted.
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 lifted.
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 lifted.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be lifted.
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. Eaton will provide heat dissipation data for the device.
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specification must be observed.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specification must be observed.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the installation is correct.

Brochures

Catalogs

Characteristic curve

Declarations of conformity

Drawings

eCAD model

Installation instructions

Installation videos

Manuals and user guides

mCAD model

Wiring diagrams



วิธีการซื้อ



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