Specyfikacje



Zdjęcie jest reprezentatywne



Eaton 189899

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker (-EA), 3p, Ir=1-1.6A, screw connection

Specyfikacje ogólne	
PRODUCT NAME	Eaton Moeller® series PKZM0 Motor-protective circuit-breaker
CATALOG NUMBER	189899
EAN	4015081878956
PRODUCT LENGTH/DEPTH	76 mm
PRODUCT HEIGHT	93 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.28 kg
COMPLIANCES	RoHS conform CE Marked
MODEL CODE	PKZM0-1,6-EA

Powering Business Worldwide

Klimatyczne warunki otoczenia

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

Weryfikacja projektu konstrukcji

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	1.6 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	5.36 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	1.8 W

Dane elektryczne

RATED FREQUENCY - MAX	60 Hz
RATED FREQUENCY - MIN	50 Hz
RATED OPERATIONAL CURRENT (IE)	1.6 A
RATED OPERATIONAL POWER AT AC-3E, 220/230 V, 50 HZ	0.25 kW
RATED OPERATIONAL POWER AT AC-3E, 380/400 V, 50 HZ	0.55 kW
RATED OPERATIONAL POWER AT AC-3E, 440 V, 50 HZ	0.55 kW
RATED OPERATIONAL POWER AT AC-3E, 500 V, 50 HZ	0.75 kW
RATED OPERATIONAL POWER AT AC-3E, 690 V, 50 HZ	1.1 kW
RATED OPERATIONAL VOLTAGE (UE) - MAX	690 V
RATED OPERATIONAL VOLTAGE (UE) - MIN	690 V
RATED UNINTERRUPTED CURRENT (IU)	1.6 A

Features & functions

ACTUATOR TYPE	Turn button
FEATURES	Phase-failure sensitivity (according to IEC/EN 60947-4-1, VDE 0660 Part 102)
FUNCTIONS	Phase failure sensitive
NUMBER OF POLES	Three-pole

Informacje ogólne

CONNECTION	Screw terminals
DEGREE OF PROTECTION	IP20
LIFESPAN, ELECTRICAL	100,000 operations
LIFESPAN, MECHANICAL	100,000 Operations
MOUNTING POSITION	Can be snapped on to IEC/EN 60715 top-hat rail with 7.5 or 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 contact when actuated from front (EN 50274)
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
SHOCK RESISTANCE	25 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms
SUITABLE FOR	Branch circuit: Suitable for group installations, (UL/CSA) Also motors with efficiency class IE3
TEMPERATURE COMPENSATION	-5 - 40 °C to IEC/EN 60947, VDE 0660 -25 - 55 °C, Operating range ≤ 0.25 %/K, residual error for T > 40°

Moc znamionowa silnika

ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 1-PHASE	0.1 HP
ASSIGNED MOTOR POWER AT 460/480 V, 60 HZ, 3-PHASE	0.75 HP
ASSIGNED MOTOR POWER AT 575/600 V, 60 HZ, 3-PHASE	0.75 HP

Wytrzymałość zwarciowa

RATED SHORT-CIRCUIT BREAKING CAPACITY ICS AT 400 V AC	150 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS AT 440 V AC	150 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS AT 500 V AC	150 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS AT 690 V AC	150 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICU AT 400 V AC	150 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICU AT 440 V AC	150 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICU AT 500 V AC	150 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICU AT 690 V AC	150 kA
SHORT-CIRCUIT CURRENT RATING (GROUP PROTECTION)	50 kA, 600 V High Fault, Fuse, SCCR (UL/CSA) with 600 A, 600 V High Fault, Fuse, SCCR (UL/CSA) 50 kA, 600 V High Fault, CB, SCCR (UL/CSA) with 600 A, 600 V High Fault, CB, SCCR (UL/CSA)
SHORT-CIRCUIT RELEASE	Basic device fixed 15.5 x Iu ± 20% tolerance 24.8 A, Irm

Zdolność przełączania

SWITCHING CAPACITY	1.6 A, AC-3 up to 690 V

Przekroje poprzeczne

STRIPPING LENGTH (MAIN CABLE)	10 mm
TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	2 x (1 - 6) mm², ferrule to DIN 46228 1 x (1 - 6) mm², ferrule to DIN 46228
TERMINAL CAPACITY (SOLID)	1 x (1 - 6) mm² 2 x (1 - 6) mm²
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 10
TIGHTENING TORQUE	1.7 Nm, Screw terminals, Main cable

Bloki wyzwalaczy

OVERLOAD RELEASE CURRENT SETTING - MAX	1.6 A
OVERLOAD RELEASE CURRENT SETTING - MIN	1 A

Do pobrania	
CHARACTERISTIC CURVE	eaton-manual-motor-starters-characteristic-characteristic-curve-006.eps eaton-manual-motor-starters-characteristic-characteristic-curve-008.eps
DEKLARACJE ZGODNOŚCI	eaton-motor-protective-circuit-breaker-declaration-of-conformity-uk251169en.pdf eaton-motor-protective-circuit-breaker-declaration-of-conformity-eu250686en.pdf
INSTRUKCJE MONTAŻU	eaton-motor-protective-circuit-breaker-pkzm0-ea-il034046zu.pdf
MODELE ECAD	ETN.189899.edz
MODELE MCAD	DA-CS-pkzm0 eaton-breakers-mcad-drawings-pkzm0.dwg
PEP ECO-PASSPORT	eaton-motor-protective-circuit-breakers-pep-eato-00326-v0101-en.pdf
RYSUNKI	eaton-manual-motor-starters-pkz-dimensions.eps eaton-manual-motor-starters-pkz-dimensions-003.eps eaton-manual-motor-starters-pkz-dimensions-002.eps eaton-manual-motor-starters-mounting-3d-drawing-002.eps eaton-manual-motor-starters-pkzm0-3d-drawing-008.eps eaton-manual-motor-starters-circuit-breaker-pkzm0-3d-drawing.eps eaton-general-ie-ready-dilm-contactor-standards.eps

SCHEMATY POŁĄCZEŃ	eaton-manual-motor-starters-transformer-pkzm0-wiring-diagram.eps

NAZWA PROJEKTU:	
NUMER PROJEKTU:	
PRZYGOTOWANE PRZEZ:	
DATA:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Irlandia
Eaton.com

© 2026 Eaton. Wszelkie prawa zastrzeżone.

Najnowsze informacje o produktach i wsparciu znajdują się na naszych mediach społecznościowych.