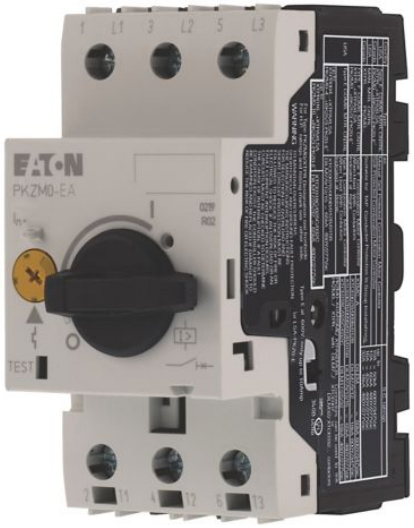
Specyfikacje



Zdjęcie jest reprezentatywne

Eaton 189903

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker (-EA), 3p, Ir=6.3-10A, screw connection

General specifications	
PRODUCT NAME	Eaton Moeller® series PKZM0 Motor-protective circuit-breaker
CATALOG NUMBER	189903
EAN	4015081878994
PRODUCT LENGTH/DEPTH	76 mm
PRODUCT HEIGHT	93 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.295 kg
COMPLIANCES	CE Marked RoHS conform
MODEL CODE	PKZM0-10-EA

Powering Business Worldwide

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

General

CONNECTION	Screw terminals
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°

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	-25 °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

Terminal capacities

TERMINAL CAPACITY (SOLID)	1 x (1 - 6) mm^2 2 x (1 - 6) mm^2
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 10
STRIPPING LENGTH (MAIN CABLE)	10 mm
TIGHTENING TORQUE	1.7 Nm, Screw terminals, Main cable

Electrical rating

RATED FREQUENCY - MIN	50 Hz
RATED FREQUENCY - MAX	60 Hz
RATED OPERATIONAL CURRENT (IE)	10 A
RATED OPERATIONAL POWER AT AC-3, 220/230 V, 50 HZ	2.2 kW
RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ	4 kW
RATED OPERATIONAL VOLTAGE (UE) - MIN	690 V
RATED OPERATIONAL VOLTAGE (UE) - MAX	690 V
RATED UNINTERRUPTED CURRENT (IU)	10 A

Short-circuit rating

SHORT-CIRCUIT CURRENT RATING (GROUP PROTECTION)	50 kA, 600 V High Fault, Fuse, SCCR (UL/CSA) with 150 A, 600 V High Fault, Fuse, SCCR (UL/CSA) 30 kA, 600 V High Fault, Fuse, SCCR (UL/CSA) with 600 A, 600 V High Fault, Fuse, SCCR (UL/CSA) 30 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 155 A, Irm
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS AT 400 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	50 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS AT 440 V AC	50 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICU AT 500 V AC	42 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS AT 500 V AC	11 kA
RATED SHORT-CIRCUIT	3 kA

BREAKING CAPACITY ICU AT 690 V AC	
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS AT 690 V AC	2 kA

Motor rating

ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 1-PHASE	1.5 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 3-PHASE	3 HP
ASSIGNED MOTOR POWER AT 460/480 V, 60 HZ, 3-PHASE	7.5 HP
ASSIGNED MOTOR POWER AT 575/600 V, 60 HZ, 3-PHASE	10 HP

Trip blocks

OVERLOAD RELEASE CURRENT SETTING - MIN	6.3 A
OVERLOAD RELEASE CURRENT SETTING - MAX	10 A

Design verification

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	6.48 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	2.2 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	10 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W

Do pobrania

CHARACTERISTIC CURVE	eaton-manual-motor-starters-characteristic-characteristic-curve-012.eps eaton-manual-motor-starters-characteristic-characteristic-curve-008.eps
DEKLARACJE ZGODNOŚCI	DA-DC-00004890.pdf
INSTRUKCJE MONTAŻU	IL034046ZU
MODELE ECAD	ETN.189903.edz
MODELE MCAD	DA-CS-pkzm0 DA-CD-pkzm0
RYSUNKI	eaton-manual-motor-starters-pkz-dimensions-003.eps eaton-manual-motor-starters-pkz-dimensions-002.eps eaton-manual-motor-starters-pkz-dimensions.eps

	eaton-manual-motor-starters-pkzm0-3d-drawing-008.eps eaton-manual-motor-starters-circuit-breaker-pkzm0-3d-drawing.eps
SCHEMATY POŁĄCZEŃ	eaton-manual-motor-starters-transformer-pkzm0-wiring-diagram.eps

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATA:	

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