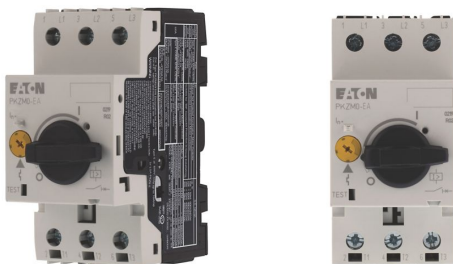


Specyfikacje



Zdjęcie jest reprezentatywne



Eaton 189897

Eaton Moeller® series PKZM0 Motor-protective circuit-breaker (-EA), 3p, Ir=0.4-0.63A, screw connection

General specifications

| | |
|-----------------------------|--|
| PRODUCT NAME | Eaton Moeller® series PKZM0 Motor-protective circuit-breaker |
| CATALOG NUMBER | 189897 |
| EAN | 4015081878932 |
| PRODUCT LENGTH/DEPTH | 76 mm |
| PRODUCT HEIGHT | 93 mm |
| PRODUCT WIDTH | 45 mm |
| PRODUCT WEIGHT | 0.246 kg |
| COMPLIANCES | CE Marked RoHS conform |
| MODEL CODE | PKZM0-0,63-EA |

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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 Motor protection |
| 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 |

Electrical rating

| | |
|--|---------|
| RATED FREQUENCY - MIN | 50 Hz |
| RATED FREQUENCY - MAX | 60 Hz |
| RATED OPERATIONAL CURRENT (IE) | 0.63 A |
| RATED OPERATIONAL POWER AT AC-3, 220/230 V, 50 HZ | 0.09 kW |
| RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ | 0.12 kW |
| RATED OPERATIONAL VOLTAGE (UE) - MIN | 690 V |
| RATED OPERATIONAL VOLTAGE (UE) - MAX | 690 V |
| RATED UNINTERRUPTED CURRENT (IU) | 0.63 A |

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 |

Short-circuit rating

| | |
|--|--|
| 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 I _u ± 20% tolerance 9.8 A, I _{rm} |
| 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 | 150 kA |
| RATED SHORT-CIRCUIT BREAKING CAPACITY ICS AT 440 V AC | 150 kA |
| RATED SHORT-CIRCUIT BREAKING CAPACITY ICU AT 500 V AC | 150 kA |
| RATED SHORT-CIRCUIT BREAKING CAPACITY ICS AT 500 V AC | 150 kA |
| RATED SHORT-CIRCUIT BREAKING CAPACITY ICU AT 690 V AC | 150 kA |
| RATED SHORT-CIRCUIT BREAKING CAPACITY ICS | 150 kA |

AT 690 V AC

Trip blocks

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| OVERLOAD RELEASE CURRENT SETTING - MIN | 0.4 A |
|---|-------|

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|---|--------|
| OVERLOAD RELEASE CURRENT SETTING - MAX | 0.63 A |
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Design verification

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| EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID | 5.16 W |
|--|--------|

| | |
|--|-----|
| HEAT DISSIPATION CAPACITY PDISS | 0 W |
|--|-----|

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|---|-------|
| HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID | 1.7 W |
|---|-------|

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| RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) | 0.63 A |
|--|--------|

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

Do pobrania

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|-----------------------------|--|
| CHARACTERISTIC CURVE | eaton-manual-motor-starters-characteristic-characteristic-curve-008.eps eaton-manual-motor-starters-characteristic-characteristic-curve-004.eps |
| DEKLARACJE ZGODNOŚCI | DA-DC-00004890.pdf |
| INSTRUKCJE MONTAŻU | IL034046ZU |
| MODELE ECAD | ETN.189897.edz |
| MODELE MCAD | DA-CS-pkzm0 DA-CD-pkzm0 |
| 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-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:



Eaton Corporation plc

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

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