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Eaton 191423

NZMN4-VX630. NZM4 PXR20 circuit breaker, 630A, 3p, screw terminal

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| PRODUCT NAME | Eaton Moeller series NZM molded case circuit breaker electronic |
| CATALOG NUMBER | 191423 |
| PRODUCT LENGTH/DEPTH | 375 mm |
| PRODUCT HEIGHT | 170 mm |
| PRODUCT WIDTH | 210 mm |
| PRODUCT WEIGHT | 19 kg |
| COMPLIANCES | RoHS conform |
| CERTIFICATIONS | IEC/EN 60947 IEC |



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| AMPERAGE RATING | 630 A |
| VOLTAGE RATING | 690 V - 690 V |
| CIRCUIT BREAKER FRAME TYPE | NZM4 |
| FEATURES | Protection unit Motor drive optional |
| 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. |

| 00000 | eaton-circuit-breaker- basic-unit-bg4- il012101zu.pdf |
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| 00 | eaton-circuit-breaker-nzm- mccb-dimensions-022.eps |

| 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 | ls the panel builder's responsibility. |
| 10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS | ls the panel builder's responsibility. |
| 10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH | ls the panel builder's responsibility. |
| 10.9.3 IMPULSE WITHSTAND VOLTAGE | ls the panel builder's responsibility. |
| 10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL | ls the panel builder's responsibility. |
| POLLUTION DEGREE | 3 |
| MOUNTING METHOD | Built-in device fixed built- in technique Fixed |
| CLIMATIC PROOFING | Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 |
| EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT | 65 W |
| UTILIZATION CATEGORY | B (IEC/EN 60947-2) |
| ISOLATION | 300 V AC (between the auxiliary contacts) 500 V AC (between auxiliary contacts and main contacts) |
| | |
| AMBIENT OPERATING TEMPERATURE - MAX | 70 °C |
| | 70 °C -25 °C |
| TEMPERATURE - MAX AMBIENT OPERATING | |
| TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MIN AMBIENT STORAGE | -25 °C |

| NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS) | 0 |
|---|--|
| NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS) | 0 |
| PROTECTION AGAINST DIRECT CONTACT | Finger and back-of-hand proof to DIN EN 50274/VDE 0106 part 110 |
| DEGREE OF PROTECTION | IP20 (basic degree of protection, in the operating controls area) IP20 |
| DIRECTION OF INCOMING SUPPLY | As required |
| ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT | Screw connection |
| LIFESPAN, MECHANICAL | 10000 operations |
| OVERVOLTAGE CATEGORY | III |
| DEGREE OF PROTECTION (IP), FRONT SIDE | IP66 (with door coupling rotary handle) IP40 (with insulating surround) |
| DEGREE OF PROTECTION (TERMINATIONS) | IP00 (terminations, phase isolator and strip terminal) IP10 (tunnel terminal) |
| NUMBER OF POLES | Three-pole |
| | 10 segments of 80 mm x 1 mm (2x) at rear-side width extension Max. 10 segments of 32 mm x 1 mm (2x) at flat conductor terminal Min. 6 segments of 16 mm x 0.8 mm at flat conductor |
| TERMINAL CAPACITY (COPPER STRIP) | terminal Max. 10 segments of 50 mm x 1 mm (2x) at rearside connection (punched) Min. 5 segments of 25 mm x 1 mm at rear-side connection (punched) 10 segments of 50 mm x 1 mm (2x) at 1-hole module plate |
| | Max. 10 segments of 50 mm x 1 mm (2x) at rearside connection (punched) Min. 5 segments of 25 mm x 1 mm at rear-side connection (punched) 10 segments of 50 mm x 1 |

| TYPE Circuit breaker - LSI overload protection and delayed and non-delayed short-circuit protective device - R.m.s. value measurement and "thermal memory" - USB interface for configuration and test function with Power Xpert Protection Manager software - Optionally communication-capable with interface module and internal Modbus RTU module or CAM - Maximum back-up fuse, if the expected short-circuit currents at the installation location exceed the switching capacity of the circuit breaker (Rated short-circuit breaker (Rated short-cir | FUNCTIONS | Systems, cable, selectivity |
|--|-----------------------|---|
| • LSI overload protection and delayed and non-delayed short-circuit protective device • R.m.s. value measurement and "thermal memory" • USB interface for configuration and test function with Power Xpert Protection Manager software • Optionally communication-capable with interface module and internal Modbus RTU module or CAM • Maximum back-up fuse, if the expected short-circuit currents at the installation location exceed the switching capacity of the circuit breaker (Rated short-circuit breaker) **APPLICATION** **APPLICATION** Use in unearthed supply systems at 525 V **SHOCK RESISTANCE** **15 g (half-sinusoidal shock 11 ms) **POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT **RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) **RELEASE SYSTEM** **Electronic release** **HORT-CIRCUIT TOTAL SPECIFICAL STORY (> 415 V); < 35 ms (> 415 V) | TVDE | |
| SHOCK RESISTANCE 15 g (half-sinusoidal shock 11 ms) POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) RELEASE SYSTEM Electronic release SHORT-CIRCUIT TOTAL | | LSI overload protection and delayed and non-delayed short-circuit protective device R.m.s. value measurement and "thermal memory" USB interface for configuration and test function with Power Xpert Protection Manager software Optionally communication-capable with interface module and internal Modbus RTU module or CAM Maximum back-up fuse, if the expected short-circuit currents at the installation location exceed the switching capacity of the circuit breaker (Rated short-circuit breaking capacity lcn) Rated current = rated uninterrupted |
| POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) RELEASE SYSTEM Electronic release SHORT-CIRCUIT TOTAL BREAKTIME 11 ms) Front side 630 A Electronic release < 25 ms (415 V); < 35 ms (> 415 V) | APPLICATION | |
| CONNECTION FOR MAIN CURRENT CIRCUIT RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) RELEASE SYSTEM Electronic release SHORT-CIRCUIT TOTAL | SHOCK RESISTANCE | _ |
| CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) RELEASE SYSTEM Electronic release SHORT-CIRCUIT TOTAL | CONNECTION FOR MAIN | Front side |
| SHORT-CIRCUIT TOTAL < 25 ms (□ 415 V); < 35 ms BREAKTIME (> 415 V) | CURRENT FOR SPECIFIED | 630 A |
| BREAKTIME (> 415 V) | RELEASE SYSTEM | Electronic release |
| RATED SHORT-TIME 12 kA | | |
| | RATED SHORT-TIME | 12 kA |

| WITHSTAND CURRENT (T = 0.3 S) | |
|--|---|
| RATED SHORT-TIME WITHSTAND CURRENT (T = 1 S) | 12 kA |
| SHORT-CIRCUIT RELEASE DELAYED SETTING - MAX | 4410 A |
| SHORT-CIRCUIT RELEASE DELAYED SETTING - MIN | 378 A |
| SHORT-CIRCUIT RELEASE NON-DELAYED SETTING - MAX | 11340 A |
| SHORT-CIRCUIT RELEASE NON-DELAYED SETTING - MIN | 1260 A |
| TERMINAL CAPACITY (CONTROL CABLE) | 0.75 mm ² - 1.5 mm ² (2x) 0.75 mm ² - 2.5 mm ² (1x) |
| TERMINAL CAPACITY (COPPER BUSBAR) | Max. 50 mm x 10 mm (2x) direct at switch rear-side connection Min. 25 mm x 5 mm at rear-side 1-hole module plate Min. 25 mm x 5 mm direct at switch rear-side connection Min. 60 mm x 10 mm at rear-side width extension M10 at rear-side screw connection 50 mm x 10 mm (2x) at rear-side 2-hole module plate Max. 80 mm x 10 mm (2x) at rear-side width extension Max. 50 mm x 10 mm (2x) at rear-side width extension Max. 50 mm x 10 mm (2x) at rear-side 1-hole module plate |
| TERMINAL CAPACITY (COPPER SOLID CONDUCTOR/CABLE) | 50 mm² - 240 mm² (4x) at 4-hole tunnel terminal 35 mm² - 185 mm² (4x) at rear-side 2-hole module plate 300 mm² (4x) at rear-side width extension 95 mm² - 240 mm² (6x) at rear-side width extension 95 mm² - 185 mm² (2x) at rear-side 2-hole module plate 120 mm² - 300 mm² (1x) at rear-side 1-hole module plate 95 mm² - 300 mm² (2x) at rear-side 1-hole module plate |

| OPPER STRANDED ONDUCTOR/CABLE) CONNECTION CONNECTION | | |
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| LUMINUM STRANDED A-hole tunnel terminal SUMM**- 240 mm** (4x) at 4-hole tunnel terminal ANDLE TYPE Rocker lever HORT DELAY CURRENT STTING (ISD) - MAX HORT DELAY CURRENT STTING (ISD) - MIN STANTANEOUS JURRENT SETTING (II) - 1260 A IN UMBER OF PERATIONS PER HOUR - 60 AX VERLOAD CURRENT STTING (II) - 1270 A ATED SHORT-CIRCUIT REAKING CAPACITY ICS SEC/EN 60947) AT 230 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS SEC/EN 60947) AT 440 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS SEC/EN 60947) AT 525 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS SEC/EN 60947) AT 525 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS SEC/EN 60947) AT 525 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS SEC/EN 60947) AT 525 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS SEC/EN 60947) AT 525 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS SEC/EN 60947) AT 690 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS SEC/EN 60947) AT 690 V, 1/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM TAKENG CAPACIT | TERMINAL CAPACITY (COPPER STRANDED CONDUCTOR/CABLE) | direct at switch rear-side connection 120 mm ² - 185 mm ² (1x) direct at switch rear-side |
| HORT DELAY CURRENT TITTING (ISD) - MAX HORT DELAY CURRENT TITTING (ISD) - MIN HORT DELAY CURRENT TITTING (II) - LICON AX HORT DELAY CURRENT TITTING (II) - LICON AX HORT DELAY CURRENT TITTING (IR) - MAX HORT DELAY CURRENT TITTING (IR) - MAX HORT DELAY CURRENT TITTING (IR) - MIN HORT DELAY CURRENT TITTING (II) - MIN HORT DELAY CURREN | TERMINAL CAPACITY (ALUMINUM STRANDED CONDUCTOR/CABLE) | |
| ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 1/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM 110 kA ATED SHORT-CIRCUIT AKING CAPACITY ICM 177 KA | HANDLE TYPE | Rocker lever |
| ETTING (ISD) - MIN ISTANTANEOUS JURRENT SETTING (II) - AX ISTANTANEOUS JURRENT SETTING (II) - IN UMBER OF PERATIONS PER HOUR - AX VERLOAD CURRENT ETTING (IR) - MAX VERLOAD CURRENT ETTING (IR) - MIN ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 230 V, IN/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 440 V, IN/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 440 V, IN/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, IN/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, IN/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, IN/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, IN/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM ATED SHORT-CIRCUIT ATED SHORT-CIRCUIT ATED SHORT-CIRCUIT ATED SHORT-CIRCUIT A | SHORT DELAY CURRENT SETTING (ISD) - MAX | 10 A |
| JURRENT SETTING (II) - AX JURRENT SETTING (II) - IN JUMBER OF PERATIONS PER HOUR - AX VERLOAD CURRENT ETTING (IR) - MAX VERLOAD CURRENT ETTING (IR) - MIN ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 230 V, MOOHZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 440 V, MOOHZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, MOOHZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, MOOHZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, MOOHZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, MOOHZ ATED SHORT-CIRCUIT AKING CAPACITY ICM IT AKING CAPACITY ICM | SHORT DELAY CURRENT SETTING (ISD) - MIN | 2 A |
| JERRENT SETTING (II) - 1260 A IN JUMBER OF PERATIONS PER HOUR - 60 AX VERLOAD CURRENT ETTING (IR) - MAX VERLOAD CURRENT ETTING (IR) - MIN ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 230 V, JOHN STED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 440 V, JOHN STED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 440 V, JOHN STED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, JOHN STED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, JOHN STED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, JOHN STED SHORT-CIRCUIT AKING CAPACITY ICM ATED SHORT-CIR | INSTANTANEOUS CURRENT SETTING (II) - MAX | 22680 A |
| PERATIONS PER HOUR - 60 AX VERLOAD CURRENT ETTING (IR) - MAX VERLOAD CURRENT ETTING (IR) - MIN ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 230 V, MATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT MATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 440 V, MATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, MATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, MATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, MATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, MATED SHORT-CIRCUIT AKING CAPACITY ICM TANGO HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM TANGO SHORT-CIRCUIT TANGO SHORT- | INSTANTANEOUS CURRENT SETTING (II) - MIN | 1260 A |
| ETTING (IR) - MAX VERLOAD CURRENT ETTING (IR) - MIN ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 230 V, 0/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 00/415 V, 50/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 440 V, 0/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, 0/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 0/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 0/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM 110 kA 1400/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM 1400/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM 170 kA | NUMBER OF OPERATIONS PER HOUR - MAX | 60 |
| ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 230 V, D/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT DO/415 V, 50/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 440 V, D/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, D/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, D/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, D/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM TAUD/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM TAUD/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM TAUD/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM TAUD/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM TAUD/415 V, 50/60 HZ | OVERLOAD CURRENT SETTING (IR) - MAX | 630 A |
| REAKING CAPACITY ICS EC/EN 60947) AT 230 V, MATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT MO/415 V, 50/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 440 V, MATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, MATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, MATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, MATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, MATED SHORT-CIRCUIT AKING CAPACITY ICM TAUO/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM TAUO/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM TAUO/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM TAUO/415 V, 50/60 HZ | OVERLOAD CURRENT SETTING (IR) - MIN | 252 A |
| REAKING CAPACITY ICS EC/EN 60947) AT 10/415 V, 50/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 440 V, 10/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, 10/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 10/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 10/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM 110 kA 1400/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM 170 kA | RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V, 50/60 HZ | 37 kA |
| REAKING CAPACITY ICS EC/EN 60947) AT 440 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 525 V, 1/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 1/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM 110 kA 1400/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM 170 KA 170 KA | RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 400/415 V, 50/60 HZ | 37 kA |
| REAKING CAPACITY ICS EC/EN 60947) AT 525 V, 0/60 HZ ATED SHORT-CIRCUIT REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 0/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM I 400/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM I 77 kA | RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ | 26 kA |
| REAKING CAPACITY ICS EC/EN 60947) AT 690 V, 1/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM 110 kA 1400/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM 77 kA | RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ | 19 kA |
| AKING CAPACITY ICM 110 kA r 400/415 V, 50/60 HZ ATED SHORT-CIRCUIT AKING CAPACITY ICM 77 kA | RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ | 15 kA |
| AKING CAPACITY ICM 77 kA | RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ | 110 kA |
| T 440 V, 50/60 HZ | RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ | 77 kA |

| RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ | 55 kA |
|--|---|
| RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 690 V, 50/60 HZ | 40 kA |
| STANDARD TERMINALS | Screw terminal |
| OPTIONAL TERMINALS | Connection on rear. Strip terminal. Tunnel terminal |
| RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 240 V, 50/60 HZ | 110 kA |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AT AUXILIARY CONTACTS | 6000 V |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AT MAIN CONTACTS | 8000 V |
| RATED SHORT-CIRCUIT BREAKING CAPACITY ICU (IEC/EN 60947) AT 525 V, 50/60 HZ | 25 kA |
| RATED SHORT-CIRCUIT BREAKING CAPACITY ICU (IEC/EN 60947) AT 400/415 V, 50/60 HZ | 50 kA |
| RATED SHORT-CIRCUIT BREAKING CAPACITY ICU (IEC/EN 60947) AT 230 V, 50/60 HZ | 50 kA |
| RATED SHORT-CIRCUIT BREAKING CAPACITY ICU (IEC/EN 60947) AT 690 V, 50/60 HZ | 20 kA |
| RATED SHORT-CIRCUIT BREAKING CAPACITY ICU (IEC/EN 60947) AT 440 V, 50/60 HZ | 35 kA |
| RATED INSULATION VOLTAGE (UI) | 690 V AC |

| PROJECT NAME: | |
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| PROJECT NUMBER: | |
| PREPARED BY: | |
| ПП: | |



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