

Specyfikacje



Eaton 265933

Eaton Moeller series NZM - Molded Case Circuit Breaker. Circuit-breaker, 4p, 100A, N, frame 2, 4-VE100

General specifications

PRODUCT NAME	Eaton Moeller series NZM molded case circuit breaker electronic
CATALOG NUMBER	265933
EAN	4015082659332
PRODUCT LENGTH/DEPTH	149 mm
PRODUCT HEIGHT	184 mm
PRODUCT WIDTH	140 mm
PRODUCT WEIGHT	3.157 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC IEC/EN 60947
MODEL CODE	NZMN2-4-VE100



Powering Business Worldwide

Elektryczne dane techniczne

VOLTAGE RATING	690 V - 690 V
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AT AUXILIARY CONTACTS	6000 V
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AT MAIN CONTACTS	8000 V
CURRENT RATING OF NEUTRAL CONDUCTOR	200% of phase conductor
RATED SHORT-TIME WITHSTAND CURRENT (T = 0.3 S)	1.9 kA
RATED SHORT-TIME WITHSTAND CURRENT (T = 1 S)	1.9 kA
AMPERAGE RATING	100 A
INSTANTANEOUS CURRENT SETTING (II) - MIN	1200 A
INSTANTANEOUS CURRENT SETTING (II) - MAX	1200 A
OVERLOAD CURRENT SETTING (IR)	50 A - 100 A
OVERLOAD CURRENT SETTING (IR) - MIN	50 A
OVERLOAD CURRENT SETTING (IR) - MAX	100 A
SHORT DELAY CURRENT SETTING (ISD) - MIN	100 A
SHORT DELAY CURRENT SETTING (ISD) - MAX	1000 A
SHORT-CIRCUIT RELEASE DELAYED SETTING - MIN	100 A
SHORT-CIRCUIT RELEASE DELAYED SETTING - MAX	1000 A
SHORT-CIRCUIT RELEASE NON-DELAYED SETTING - MIN	1200 A
SHORT-CIRCUIT RELEASE NON-DELAYED SETTING - MAX	1200 A
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V,	85 kA

Komunikacyjne dane techniczne

RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AT AUXILIARY CONTACTS	6000 V
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AT MAIN CONTACTS	8000 V
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SHORT DELAY CURRENT SETTING (ISD) - MAX	1000 A
SHORT-CIRCUIT RELEASE DELAYED SETTING - MIN	100 A
SHORT-CIRCUIT RELEASE DELAYED SETTING - MAX	1000 A
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SHORT-CIRCUIT RELEASE NON-DELAYED SETTING - MAX	1200 A
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V, 50/60 HZ	85 kA

50/60 HZ	
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 400/415 V, 50/60 HZ	50 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ	35 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ	25 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ	5 kA
RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 240 V, 50/60 HZ	187 kA
RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ	105 kA
RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ	74 kA
RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ	53 kA
RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 690 V, 50/60 HZ	40 kA
SHORT-CIRCUIT TOTAL BREAKTIME	< 10 ms
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Screw connection
ISOLATION	300 V AC (between the auxiliary contacts) 500 V AC (between auxiliary contacts and main contacts)
NUMBER OF OPERATIONS PER HOUR - MAX	120
HANDLE TYPE	Rocker lever
UTILIZATION CATEGORY	A (IEC/EN 60947-2)
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3

RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 400/415 V, 50/60 HZ	50 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ	35 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ	25 kA
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POLLUTION DEGREE	3

LIFESPAN, ELECTRICAL

10000 operations at 415 V
AC-1
10000 operations at 400 V
AC-1
6500 operations at 415 V
AC-3
5000 operations at 690 V
AC-3
7500 operations at 690 V
AC-1
6500 operations at 400 V
AC-3

**DIRECTION OF
INCOMING SUPPLY**

As required

LIFESPAN, ELECTRICAL

10000 operations at 415 V
AC-1
10000 operations at 400 V
AC-1
6500 operations at 415 V
AC-3
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AC-3
7500 operations at 690 V
AC-1
6500 operations at 400 V
AC-3

**DIRECTION OF
INCOMING SUPPLY**

As required

Mechaniczne dane techniczne

MOUNTING METHOD	Built-in device fixed built-in technique DIN rail (top hat rail) mounting optional Fixed
DEGREE OF PROTECTION	IP20 IP20 (basic degree of protection, in the operating controls area)
DEGREE OF PROTECTION (IP), FRONT SIDE	IP40 (with insulating surround) IP66 (with door coupling rotary handle)
DEGREE OF PROTECTION (TERMINATIONS)	IP00 (terminations, phase isolator and strip terminal) IP10 (tunnel terminal)
PROTECTION AGAINST DIRECT CONTACT	Finger and back-of-hand proof to DIN EN 50274/VDE 0106 part 110
SHOCK RESISTANCE	20 g (half-sinusoidal shock 20 ms)
NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT	Front side
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
LIFESPAN, MECHANICAL	20000 operations

Do pobrania

CHARACTERISTIC CURVE	eaton-circuit-breaker-let-through-current-nzm-mccb-characteristic-curve-004.eps eaton-circuit-breaker-nzm-mccb-characteristic-curve-054.eps eaton-circuit-breaker-characteristic-power-defense-mccb-characteristic-curve-036.eps
DEKLARACJE ZGODNOŚCI	eaton-molded-case-circuit-breaker-declaration-of-conformity-eu250291en.pdf
INSTRUKCJE MONTAŻU	eaton-circuit-breakers-basic-device-nzm-il01206006z.pdf
MODELE ECAD	ETN.265933.edz
MODELE MCAD	DA-CS-nzm2_4p DA-CD-nzm2_4p
PEP ECO-PASSPORT	eaton-molded-case-switches-pep-eato-00195-v0101-en.pdf
RYSUNKI	eaton-circuit-breaker-nzm-mccb-dimensions-035.eps

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATA:



Eaton Corporation plc

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

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