

DIGITAL NZM MOLDED CASE CIRCUIT BREAKER

285603



Overview

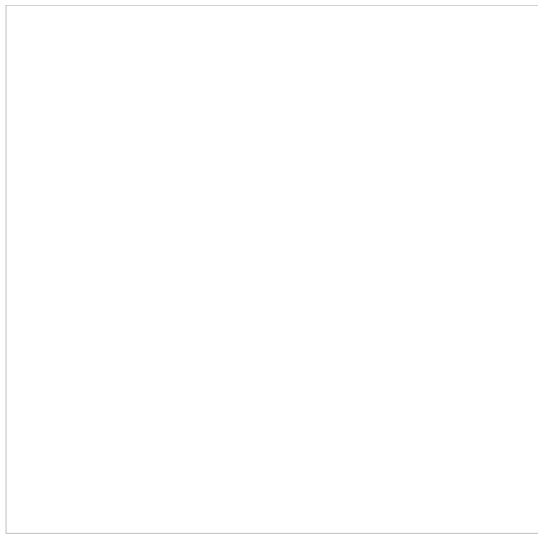


Specifications



Resources

Technical



285603

Eaton Moeller series NZM - Molded Case Circuit B for earth-leakage circuit-breaker inner diameter 140

Contact me about this product

Photo is representative

Designed to work together

Discover other Eaton products and accessories built to enhance this product.

189642

NZMN4-4-PX800/VAR. NZM4 PXR25 circuit breaker - integrated energy measurement class 1, 800A, 4p, variable, Screw terminal

189678

NZMH4-4-PX1000/VAR-TAZ-AVE. NZM4 PXR25 circuit breaker - integrated energy measurement class 1, 1000A, 4p, variable, Screw terminal, earth-fault protection, ARMS and zone selectivity, withdrawable unit

189650

NZMH4-4-PX1600/VAR. NZM4 PXR25 circuit breaker - integrated energy measurement class 1, 1600A, 4p, variable, Screw terminal

189643

NZMN4-4-PX1000/VAR. NZM4 PXR25 circuit breaker - integrated energy measurement class 1, 1000A, 4p, variable, Screw terminal

View more

View less

GENERAL SPECIFICATIONS

General specifications	>	PRODUCT NAME	Eaton Moeller series NZM release
		CATALOG NUMBER	285603
Product specifications	>	MODEL CODE	PFR-W-140
		EAN	4015082856038
		PRODUCT LENGTH/DEPTH	215 mm
		PRODUCT HEIGHT	52 mm
		PRODUCT WIDTH	235 mm
		PRODUCT WEIGHT	0.552 kg
		COMPLIANCES	RoHS conform
		CERTIFICATIONS	IEC

PRODUCT SPECIFICATIONS

10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications must be observed.
FRAME	NZM1/2/3/4
POWER ON-DELAY TIME - MIN	0 ms
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	0 V
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications must be observed.
MOUNTING METHOD	Incl. fixing clip for DIN-rail mounting
TRANSFORMER OPENING DIAMETER	140 mm
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be lifted.
RATED FAULT CURRENT - MAX	0 A
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	0 V
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	0 V

10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
VOLTAGE RATING	690 V AC 50/60 Hz
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
SPECIAL FEATURES	In combination with PFR residual current relay not
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	0 V
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
POWER ON-DELAY TIME - MAX	0 ms
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	0 V
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
TYPE	Accessory Earth-fault releases, transformer Voltage r
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	0 V
RATED OPERATING VOLTAGE (UE) - MAX	0 V
VOLTAGE RATING OF RELAY CONTACT	690 V (50/60 Hz)
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the inf instruction leaflet (IL) is observed.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
RATED FAULT CURRENT - MIN	0 A
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to

Brochures

Catalogs

Certification reports

Drawings

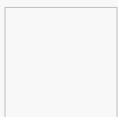
eCAD model

Installation instructions

Installation videos

mCAD model

Technical data sheets



Technical support

285603



Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization,

we're accelerating the planet's transition to renewable energy and helping to solve the world's most urgent power management challenges.