Products Digita

## AIR CIRCUIT BREAKER - IZMX/INX SERIES

183408







Technica



183408

Eaton Moeller series IZMX/INX - ACB. Circuit-bre measurement, IEC, Withdrawable

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Eaton Moeller series IZMX/INX - ACB. Shunt release 220-240 VAC/DC, 1

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Eaton Moeller series IZMX/INX Connection 4p horizontal/vertica

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GENERAL SPECIFICATIONS

General specifications	>	PRODUCTNAME	Eaton Moeller series IZMX/INX circuit-breaker
4		CATALOG NUMBER	183408
Product specifications	>	MODEL CODE	IZMX16N4-P08W-1
		EAN	4015081791446
		PRODUCT LENGTH/DEPTH	584 mm
		PRODUCTHEIGHT	597 mm
		PRODUCTWIDTH	521 mm
		PRODUCTWEIGHT	32.49 kg
		COMPLIANCES	IEC IEC/EN 60947 RoHS conform
		PRODUCT SPECIFICATIONS	
		RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	800 A
		10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specification must be observed.
		POWER OF WITHDRAWABLE SWITCH WITH CASSETTE	80 W

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POWER OF WITHDRAWABLE SWITCH WITH CASSETTE	80 W
NUMBER OF STANDARD MECHANICAL OPERATIONS PER HOUR - MAX	60
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specific must be observed.
MOUNTING METHOD	Withdrawable
AMPERAGE RATING	800 A
10.2.5 LIFTING	Does not apply, since the entire switchgear needs
ADJUSTMENT RANGE SHORT-TERM DELAYED SHORT-CIRCUIT RELEASE - MAX	8000 A
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
AMBIENT STO RAGE TEMPERATURE - MIN	-20 °C
FITTED WITH:	Switched-off indicator
ADJUSTMENT RANGE UNDELAYED SHORT-CIRCUIT RELEASE - MAX	12000 A
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.

## ADJUSTMENT RANGE SHORT-TERM DELAYED SHORT-480 A CIRCUIT RELEASE - MIN

PROTECTION	P measurement
ACTUATOR TYPE	Push button
SPECIAL FEATURES	<ul> <li>Cassette must be separately ordered.</li> <li>External IZMX-DTP-PTM-1 voltage measuri module is suitable for 16 circuit breakers)</li> <li>IZMX-DTP-PTM external voltage measuring</li> <li>suitable for zone selectivity</li> <li>suitable for communication</li> <li>with integrated system monitor</li> <li>with integrated test possibility</li> <li>With graphic LCD display</li> <li>optionally fittable by user with comprehensive</li> <li>Terminal capacity hint: These are values used The actual values will depend on the temperatoreaker, which is influenced by the ambient to protection (IP), the mounting height, the part ventilation. Depending on the specific switch result in derating, which can then be compensithe cross-sectional area. Temperature rise tests switchgear can provide specific and detailed in</li> </ul>
SHORT-CIRCUIT RELEASE NON-DELAYED SETTING	1.5 - 10 x Ir
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT	Back side
DEVICE CONSTRUCTION	Built-in device slide-in technique (withdrawable)
WEIGHT OF CASSEITE VERSION (4-POLE)	21 kg
FEATURES	Motor drive optional Complete device with protection unit
LIFESPAN, ELECTRICAL	20000 operations (switching cycles ON/OFF, with 10000 operations (switching capacity)
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Rail connection
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
UTILIZATION CATEGORY	В
NUMBER OF POLES	Four-pole
AMBIENT OPERATING TEMPERATURE - MIN	-20 °C
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs
	Does not apply, since the entire switchgear need
10.5 PROTECTION AGAINST ELECTRIC SHOCK	
RATED UNINTERRUPTED CURRENT (IU)	800 A

60947)	42 kA
EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT	80 W
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the infinstruction leaflet (IL) is observed.
WEIGHT OF FIXED WITHDRAWABLE VERSION (4-POLE)	33 kg
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.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to
RATED UNINTERRUPTED CURRENT (IU) AT 60°C	800 A
CLOSING DELAY VIA SPRING RELEASE	30 ms
RATED OPERATING VOLTAGE (UE) - MIN	690 V
FRAME	IZMX16
OVERLOAD RELEASE CURRENT SETTING - MIN	320 A
SHORT-CIRCUIT RELEASE DELAYED SETTING - MAX	8000 A
TERMINAL CAPACITY (COPPER BAR)	5 mm x 50 mm (2x) for withdrawable units (black)
VOLTAGE RATING AT AC	690 V AC
RATED SHORT-CIRCUIT MAKING CAPACITY UP TO 690 V, 50/60 HZ	88 kA
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
RATED SHORT-CIRCUIT MAKING CAPACITY UP TO 440 V, 50/60 HZ	105 kA
POWER LOSS	80 W
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.
LIFESPAN, MECHANICAL	12500 switching cycles (ON/OFF) 25000 operations (switching capacity, with mainten
O VERLO AD RELEASE CURRENT SETTING - MAX	800 A
SHORT-CIRCUIT RELEASE DELAYED SETTING - MIN	600 A
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
SHORT-CIRCUIT RELEASE NON-DELAYED SEITING - MIN	0 A
OVFRVOLTAGE CATEGORY 4/7	ш

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DEGREE OF PROTECTION	IP31 IP31 with door seals IP55 with protective cover
RATED SHORT-TIME WITHSTAND CURRENT (T = 1 S)	42 kA
NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)	2
AMBIENT STORAGE TEMPERATURE - MAX	70 °C
ADJUSTMENT RANGE UNDELAYED SHORT-CIRCUIT RELEASE - MIN	1600 A
RELEASE SYSTEM	Electronic release
POLLUTION DEGREE	3
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	12 kV AC
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
RATED SHORT-CIRCUIT BREAKING CAPACITY AT 400 V, 50 HZ	50 kA
AMBIENT OPERATING TEMPERATURE DETAILS	-20 °C - 70 °C
SHORT-CIRCUIT RELEASE NON-DELAYED SETTING - MAX	12000 A
ТУРЕ	<ul><li>Air circuit breakers/switch-disconnector</li><li>Open circuit breaker</li></ul>
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
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.
RATED OPERATING VOLTAGE (UE) - MAX	690 V
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
DIRECTION OF INCOMING SUPPLY	As required
RATED UNINTERRUPTED CURRENT (IU) AT 50°C	800 A
RATED UNINTERRUPTED CURRENT (IU) AT 70°C	800 A
RATED INSULATION VOLTAGE (UI)	1000 V

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Manuals and user	guides
mCAD model	
	Technical support
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