

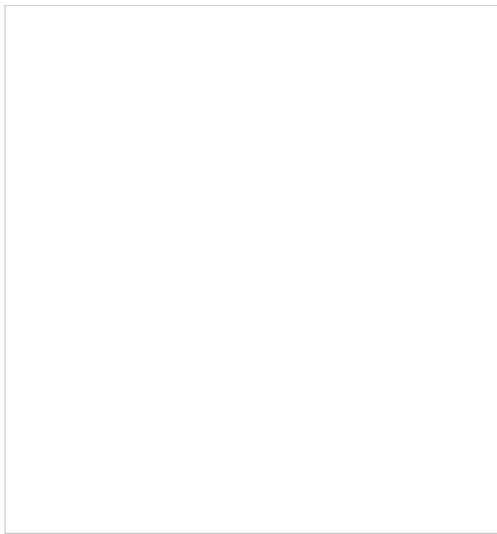
**AIR CIRCUIT BREAKER - IZMX/INX
SERIES
184093**


Overview


Specifications


Resources

Technical



184093

Eaton Moeller series IZMX/INX - ACB. Switch, dis without protection, IEC, Withdrawable, 40B4, 25W,

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184264

Eaton Moeller series IZMX/INX - ACB.
Motor operator 208-240 VAC/DC, 40

183975

Eaton Moeller series IZMX/INX - ACB.
Connection 4p horizontal/vertical, 3200A, 1

183962

Eaton Moeller series IZMX/INX - ACB.
Cassette 2500A, IZMX404 m. control cable
connection

183959

Eaton Moeller series IZMX/INX - ACB.
Cassette 2000A, IZMX404 m. control cable
connection

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General specifications	>	PRODUCT NAME	Eaton Moeller series IZMX/INX switch-disconnector
		CATALOG NUMBER	184093
Product specifications	>	MODEL CODE	INX40B4-25W-1
		EAN	4015081796328
		PRODUCT LENGTH/DEPTH	584 mm
		PRODUCT HEIGHT	597 mm
		PRODUCT WIDTH	521 mm
		PRODUCT WEIGHT	86 kg
		COMPLIANCES	IEC IEC/EN 60947 RoHS conform

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	2500 A
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications must be observed.
POWER OF WITHDRAWABLE SWITCH WITH CASSETTE	620 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 specifications must be observed.
MOUNTING METHOD	Withdrawable
AMPERAGE RATING	2500 A
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be lifted.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
AMBIENT STORAGE TEMPERATURE - MIN	-40 °C
NUMBER OF SWITCHES	1
DEGREE OF PROTECTION (FRONT SIDE)	IP31
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	144 kA

PROTECTION	None
ACTUATOR TYPE	Push button
SPECIAL FEATURES	<ul style="list-style-type: none"> • Cassette must be separately ordered. • Optionally fittable by user with comprehensive a • Terminal capacity hint: These are values used in The actual values will depend on the temperature breaker, which is influenced by the ambient temp protection (IP), the mounting height, the partiti ventilation. Depending on the specific switchgear result in derating, which can then be compensate the cross-sectional area. Temperature rise tests in switchgear can provide specific and detailed inform
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
RATED PERMANENT CURRENT AT AC-21, 400 V	0 A
POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT	Back side
DEVICE CONSTRUCTION	Built-in device slide-in technique (withdrawable)
WEIGHT OF CASSETTE VERSION (4-POLE)	35 kg
FEATURES	Version as main switch Motor drive optional Version as maintenance-/service switch
LIFESPAN, ELECTRICAL	5000 operations (switching capacity) 10000 operations (switching cycles ON/OFF, with r
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Rail connection
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
UTILIZATION CATEGORY	B
NUMBER OF POLES	Four-pole
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to
RATED UNINTERRUPTED CURRENT (IU)	2500 A
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	620 W
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the inf instruction leaflet (IL) is observed.
WEIGHT OF FIXED WITHDRAWABLE VERSION (4-POLE)	76 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	2500 A
CLOSING DELAY VIA SPRING RELEASE	35 ms
RATED OPERATING VOLTAGE (UE) - MIN	690 V
FRAME	INX40
RATED OPERATING VOLTAGE (UE) AT AC - MAX	690 V
TERMINAL CAPACITY (COPPER BAR)	80 mm x 10 mm (2x) for withdrawable units (black)
SUITABLE FOR	Intermediate mounting Distribution board installation Ground mounting
VOLTAGE RATING AT AC	690 V AC
RATED SHORT-TIME WITHSTAND CURRENT AT 50/60 HZ (T= 3 S)	53 kA
RATED SHORT-CIRCUIT MAKING CAPACITY UP TO 690 V, 50/60 HZ	145 kA
WIDTH IN NUMBER OF MODULAR SPACINGS	30
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
RATED SHORT-CIRCUIT MAKING CAPACITY UP TO 440 V, 50/60 HZ	145 kA
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	20000 operations (switching capacity, with maintenance) 10000 switching cycles (ON/OFF)
RATED OPERATING POWER AT AC-23, 400 V	0 kW
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	IP31 with door seals IP55 with protective cover
RATED SHORT-TIME WITHSTAND CURRENT (T= 1 S)	66 kA
ACTUATOR COLOR	Green
RATED SHORT-TIME WITHSTAND CURRENT (ICW)	66 kA
NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)	2
AMBIENT STORAGE TEMPERATURE - MAX	70 °C

RELEASE SYSTEM	Without releases
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 device
SWITCHING POWER AT 400 V	0 kW
FUNCTIONS	Interlockable Voltage release optional
AMBIENT OPERATING TEMPERATURE DETAILS	-20 °C - 70 °C
RATED OPERATING POWER AT AC-3, 400 V	0 kW
TYPE	<ul style="list-style-type: none"> • Air circuit breakers/switch-disconnector • Open switch-disconnector
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 PERMANENT CURRENT AT AC-23, 400 V	2500 A
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	2500 A
RATED UNINTERRUPTED CURRENT (IU) AT 70°C	2280 A
RATED INSULATION VOLTAGE (UI)	1000 V

Catalogs

Certification reports

Drawings

eCAD model

Installation videos

Manuals and user guides

mCAD model



Technical support

184093



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