

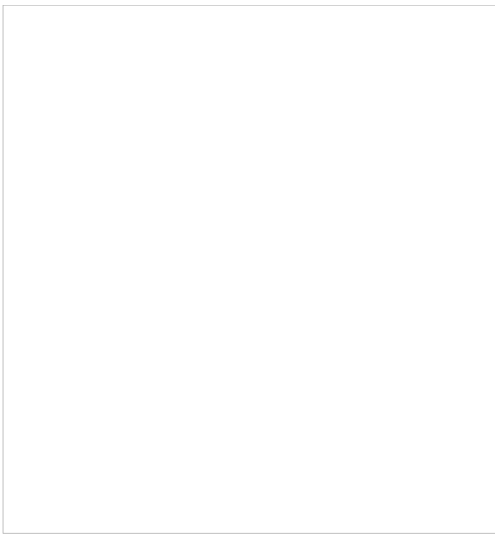
**AIR CIRCUIT BREAKER - IZMX/INX  
SERIES**  
**183650**

  
Overview

  
Specifications

  
Resources

**Technical**



**183650**

Eaton Moeller series IZMX/INX - ACB. Switch, dis  
without protection, IEC, Withdrawable, 16B4, 08W,

**Contact us about this product**

Photo is representative

### Designed to work together

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**184274**

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

**184254**

Eaton Moeller series IZMX/INX - ACB.  
Motor operator 208-240 VAC/DC, 16

**184289**

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

**183971**

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

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**View less**

General specifications	>	<b>PRODUCT NAME</b>	Eaton Moeller series IZMX/INX switch-disconnector
		<b>CATALOG NUMBER</b>	183650
Product specifications	>	<b>MODEL CODE</b>	INX16B4-08W-1
		<b>EAN</b>	4015081793860
		<b>PRODUCT LENGTH/DEPTH</b>	584 mm
		<b>PRODUCT HEIGHT</b>	597 mm
		<b>PRODUCT WIDTH</b>	521 mm
		<b>PRODUCT WEIGHT</b>	32.49 kg
		<b>COMPLIANCES</b>	IEC IEC/EN 60947 RoHS conform

## PRODUCT SPECIFICATIONS

<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	800 A
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications must be observed.
<b>POWER OF WITHDRAWABLE SWITCH WITH CASSETTE</b>	80 W
<b>NUMBER OF STANDARD MECHANICAL OPERATIONS PER HOUR - MAX</b>	60
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications must be observed.
<b>MOUNTING METHOD</b>	Withdrawable
<b>AMPERAGE RATING</b>	800 A
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be lifted.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>AMBIENT STORAGE TEMPERATURE - MIN</b>	-40 °C
<b>NUMBER OF SWITCHES</b>	1
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	IP31
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)</b>	88 kA

<b>PROTECTION</b>	None
<b>ACTUATOR TYPE</b>	Push button
<b>SPECIAL FEATURES</b>	<ul style="list-style-type: none"> <li>• Cassette must be separately ordered.</li> <li>• Optionally fittable by user with comprehensive a</li> <li>• 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</li> </ul>
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>RATED PERMANENT CURRENT AT AC-21, 400 V</b>	0 A
<b>POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT</b>	Back side
<b>DEVICE CONSTRUCTION</b>	Built-in device slide-in technique (withdrawable)
<b>WEIGHT OF CASSETTE VERSION (4-POLE)</b>	21 kg
<b>FEATURES</b>	Version as main switch Motor drive optional Version as maintenance-/service switch
<b>LIFESPAN, ELECTRICAL</b>	20000 operations (switching cycles ON/OFF, with 10000 operations (switching capacity)
<b>ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT</b>	Rail connection
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>UTILIZATION CATEGORY</b>	B
<b>NUMBER OF POLES</b>	Four-pole
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to
<b>RATED UNINTERRUPTED CURRENT (IU)</b>	800 A
<b>USED WITH</b>	Air circuit breakers/switch-disconnector Open switch-disconnector
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT</b>	80 W
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the inf instruction leaflet (IL) is observed.
<b>WEIGHT OF FIXED WITHDRAWABLE VERSION (4-POLE)</b>	31 kg
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to

<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to
<b>RATED UNINTERRUPTED CURRENT (IU) AT 60°C</b>	800 A
<b>CLOSING DELAY VIA SPRING RELEASE</b>	25 ms
<b>RATED OPERATING VOLTAGE (UE) - MIN</b>	690 V
<b>FRAME</b>	INX16
<b>RATED OPERATING VOLTAGE (UE) AT AC - MAX</b>	690 V
<b>TERMINAL CAPACITY (COPPER BAR)</b>	5 mm x 50 mm (2x) for withdrawable units (black)
<b>SUITABLE FOR</b>	Intermediate mounting Ground mounting Distribution board installation
<b>VOLTAGE RATING AT AC</b>	690 V AC
<b>RATED SHORT-CIRCUIT MAKING CAPACITY UP TO 690 V, 50/60 HZ</b>	88 kA
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	18
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
<b>RATED SHORT-CIRCUIT MAKING CAPACITY UP TO 440 V, 50/60 HZ</b>	88 kA
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>LIFESPAN, MECHANICAL</b>	25000 operations (switching capacity, with maintenance) 12500 switching cycles (ON/OFF)
<b>RATED OPERATING POWER AT AC-23, 400 V</b>	0 kW
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>OVERVOLTAGE CATEGORY</b>	III
<b>DEGREE OF PROTECTION</b>	IP55 with protective cover IP31 with door seals
<b>RATED SHORT-TIME WITHSTAND CURRENT (T= 1 S)</b>	42 kA
<b>ACTUATOR COLOR</b>	Green
<b>RATED SHORT-TIME WITHSTAND CURRENT (ICW)</b>	42 kA
<b>NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)</b>	2
<b>AMBIENT STORAGE TEMPERATURE - MAX</b>	70 °C

<b>RELEASE SYSTEM</b>	Without releases
<b>POLLUTION DEGREE</b>	3
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	12 kV AC
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
<b>SWITCHING POWER AT 400 V</b>	0 kW
<b>FUNCTIONS</b>	Interlockable Voltage release optional
<b>AMBIENT OPERATING TEMPERATURE DETAILS</b>	-20 °C - 70 °C
<b>RATED OPERATING POWER AT AC-3, 400 V</b>	0 kW
<b>TYPE</b>	<ul style="list-style-type: none"> <li>• Air circuit breakers/switch-disconnector</li> <li>• Open switch-disconnector</li> </ul>
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>RATED PERMANENT CURRENT AT AC-23, 400 V</b>	800 A
<b>RATED OPERATING VOLTAGE (UE) - MAX</b>	690 V
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)</b>	0
<b>DIRECTION OF INCOMING SUPPLY</b>	As required
<b>RATED UNINTERRUPTED CURRENT (IU) AT 50°C</b>	800 A
<b>RATED UNINTERRUPTED CURRENT (IU) AT 70°C</b>	800 A
<b>RATED INSULATION VOLTAGE (UI)</b>	1000 V

Catalogs

Certification reports

Drawings

eCAD model

Installation videos

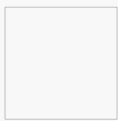
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Manuals and user guides

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mCAD model

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**Technical support**

183650



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.

