

# Specyfikacje



Zdjęcie jest reprezentatywne

## Eaton 112923

Eaton Moeller series xPole - PF6/7 RCCB.  
PF6, 2 pole, In: 25 A, Icn: 6 kA, IΔN: 0.3 A,  
Type A, Pulse-current sensitive, Partly surge-  
proof 250 A, residential and commercial

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series xPole - PF6/7 RCCB
<b>CATALOG NUMBER</b>	112923
<b>EAN</b>	4015081124619
<b>PRODUCT LENGTH/DEPTH</b>	76 mm
<b>PRODUCT HEIGHT</b>	80 mm
<b>PRODUCT WIDTH</b>	35 mm
<b>PRODUCT WEIGHT</b>	0.22 kg
<b>COMPLIANCES</b>	RoHS conform
<b>CERTIFICATIONS</b>	IEC/EN 61008
<b>MODEL CODE</b>	PF6-25/2/03-A

**EATON**

Powering Business Worldwide

## Dostawa

### APPLICATION

- Residual current circuit breaker for residential and commercial applications
- xPole - Switchgear for residential and commercial applications

<b>NUMBER OF POLES</b>	Two-pole
<b>TRIPPING TIME</b>	Non-delayed
<b>AMPERAGE RATING</b>	25 A
<b>RATED SHORT-CIRCUIT STRENGTH</b>	6 kA
<b>FAULT CURRENT RATING</b>	300 mA
<b>SENSITIVITY TYPE</b>	Pulse-current sensitive
<b>IMPULSE WITHSTAND CURRENT</b>	Partly surge-proof 250 A

### TYPE

- PF6
- Residual current circuit breakers
- Type A

## Elektryczne dane techniczne

<b>VOLTAGE RATING</b>	230 V AC
<b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>	230 V
<b>RATED INSULATION VOLTAGE (UI)</b>	440 V
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4 kV
<b>RATED FAULT CURRENT - MIN</b>	0.3 A
<b>RATED FAULT CURRENT - MAX</b>	0.3 A
<b>FREQUENCY RATING</b>	50 Hz
<b>SHORT-CIRCUIT RATING</b>	63 A (max. admissible back-up fuse)
<b>LEAKAGE CURRENT TYPE</b>	A
<b>RATED RESIDUAL MAKING AND BREAKING CAPACITY</b>	500 A
<b>ADMISSIBLE BACK-UP FUSE OVERLOAD - MAX</b>	25 A gG/gL
<b>RATED SHORT-TIME WITHSTAND CURRENT (ICW)</b>	6 kA
<b>SURGE CURRENT CAPACITY</b>	0.25 kA
<b>TEST CIRCUIT RANGE</b>	184 V AC - 250 V AC
<b>POLLUTION DEGREE</b>	2
<b>LIFESPAN, ELECTRICAL</b>	4000 operations

## Mechaniczne dane techniczne

<b>FRAME</b>	45 mm
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	2
<b>BUILT-IN WIDTH (NUMBER OF UNITS)</b>	35 mm (2 SU)
<b>BUILT-IN DEPTH</b>	69.5 mm
<b>MOUNTING METHOD</b>	DIN rail Quick attachment with 2 latch positions for DIN-rail IEC/EN 60715
<b>DEGREE OF PROTECTION</b>	IP20, IP40 with suitable enclosure IP20
<b>TERMINALS (TOP AND BOTTOM)</b>	Open mouthed/lift terminals
<b>TERMINAL CAPACITY (SOLID WIRE)</b>	1.5 mm <sup>2</sup> - 35 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN</b>	1.5 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX</b>	35 mm <sup>2</sup>
<b>TERMINAL CAPACITY (STRANDED CABLE)</b>	16 mm <sup>2</sup> (2x)
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN</b>	1.5 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX</b>	16 mm <sup>2</sup>
<b>TERMINAL PROTECTION</b>	Finger and hand touch safe, DGUV VS3, EN 50274
<b>BUSBAR MATERIAL THICKNESS</b>	0.8 mm - 2 mm
<b>LIFESPAN, MECHANICAL</b>	20000 operations
<b>PERMITTED STORAGE AND TRANSPORT TEMPERATURE - MIN</b>	-35 °C
<b>PERMITTED STORAGE AND TRANSPORT TEMPERATURE - MAX</b>	60 °C
<b>CLIMATIC PROOFING</b>	25-55 °C / 90-95% relative

## Weryfikacja projektu zgodnie z IEC/EN 61439 - dane techniczne

<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	25 A
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT</b>	0 W
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT</b>	1.3 W
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT</b>	0 W
<b>HEAT DISSIPATION CAPACITY</b>	0 W
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	55 °C

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humidity according to IEC  
60068-2

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## Weryfikacja projektu zgodnie z IEC/EN 61439

**10.2.2 CORROSION RESISTANCE** Meets the product standard's requirements.

**10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES** Meets the product standard's requirements.

**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.

**10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION** Meets the product standard's requirements.

**10.2.5 LIFTING** Does not apply, since the entire switchgear needs to be evaluated.

**10.2.6 MECHANICAL IMPACT** Does not apply, since the entire switchgear needs to be evaluated.

**10.2.7 INSCRIPTIONS** Meets the product standard's requirements.

**10.3 DEGREE OF PROTECTION OF ASSEMBLIES** Does not apply, since the entire switchgear needs to be evaluated.

**10.4 CLEARANCES AND CREEPAGE DISTANCES** Meets the product standard's requirements.

**10.5 PROTECTION AGAINST ELECTRIC SHOCK** Does not apply, since the entire switchgear needs to be evaluated.

**10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS** Does not apply, since the entire switchgear needs to be evaluated.

**10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS** Is the panel builder's responsibility.

**10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS** Is the panel builder's responsibility.

**10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH** Is the panel builder's responsibility.

**10.9.3 IMPULSE WITHSTAND VOLTAGE** Is the panel builder's responsibility.

**10.9.4 TESTING OF** Is the panel builder's

## Dodatkowe informacje

**ACCESSORIES REQUIRED** Z-HK 248432

**FEATURES** Residual current circuit breaker  
Additional equipment possible

**FITTED WITH:** IS/SPE-1TE 101911  
Interlocking device

**SPECIAL FEATURES**

- Maximum operating temperature is 55 °C: Starting at 40 °C, the max. permissible continuous current decreases by 3% for every 1 °C
- Tripping signal contact for subsequent installation Z-NHK 248434

**USED WITH** Type A  
Residual current circuit breakers  
PF6  
KLV-TC-2 276240 (Compact enclosure)  
Z-FW/LP 248296 (Remote control and automatic switching device)  
Z-RC/AK-2TE 285385 (sealing cover set)

<b>ENCLOSURES MADE OF INSULATING MATERIAL</b>	responsibility.
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## Do pobrania

<b>DEKLARACJE ZGODNOŚCI</b>	<a href="#">eaton-rccb-declaration-of-conformity-eu250102en.pdf</a>
<b>INSTRUKCJE MONTAŻU</b>	<a href="#">eaton-rccb-rcto-g9-il019140zu.pdf</a>
<b>KATALOGI</b>	<a href="#">eaton-xpole-pf7-rccb-catalog-ca019032en-en-us.pdf</a> <a href="#">eaton-xpole-pf6-rccb-catalog-ca019034en-en-us.pdf</a>
<b>MODELE MCAD</b>	<a href="#">eaton-residual-current-circuit-breakers-drawings-pfi-2p.dwg</a> <a href="#">eaton-residual-current-circuit-breakers-3d-models-pfi-2p.stp</a>
<b>RYSUNKI</b>	<a href="#">eaton-xpole-pf67-rccb-3d-drawing.jpg</a> <a href="#">eaton-xpole-pf67-rccb-wiring-diagram.jpg</a> <a href="#">eaton-circuit-breaker-xeffect-frcmm-rccb-dimensions.jpg</a>

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATA:**

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