

# Eaton 263611

Catalog Number: 263611

Eaton Moeller series xPole - PF6/7 RCCB. Residual current circuit breaker (RCCB), 40A, 4 pole, 30mA, type A



## General specifications

Product Name	Catalog Number
Eaton Moeller series xPole - PF6/7 RCCB	263611
	EAN
	4015082636111
Product Length/Depth	Product Height
80 mm	71 mm
Product Width	Product Weight
70 mm	0.32 kg
Compliances	Certifications
RoHS conform	IEC/EN 61008
Model Code	
PF7-40/4/003-A-DE	

## Fő jellemzők

### Application

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

### Number of poles

Four-pole

### Tripping time

Non-delayed

### Amperage Rating

40 A

### Rated short-circuit strength

10 kA

### Fault current rating

30 mA

### Sensitivity type

Pulse-current sensitive

### Impulse withstand current

Partly surge-proof 250 A

### Type

PF7

Residual current circuit breakers

Type A

## Műszaki adatok - villamos

### Voltage rating

230 V AC / 400 V AC

### Rated operational voltage (Ue) - max

400 V

### Rated insulation voltage (Ui)

440 V

### Rated impulse withstand voltage (Uimp)

4 kV

### Rated fault current - min

0.03 A

### Rated fault current - max

0.03 A

### Frequency rating

50 Hz

### Short-circuit rating

63 A (max. admissible back-up fuse)

### Leakage current type

A

### Rated residual making and breaking capacity

500 A

### Admissible back-up fuse overload - max

25 A gG/gL

### Rated short-time withstand current (Icw)

10 kA

### Surge current capacity

0.25 kA

### Test circuit range

184 V AC - 440 V AC

### Pollution degree

2

### Lifespan, electrical

4000 operations

## Műszaki adatok - mechanikai

## Konstrukcióigazolás az IEC/EN 61439 szerint - m

Frame	Úszaki adat
45 mm	
Width in number of modular spacings	Rated operational current for specified heat dissipation (In)
4	40 A
Built-in width (number of units)	Heat dissipation per pole, current-dependent
70 mm (4 SU)	0 W
Built-in depth	Equipment heat dissipation, current-dependent
69.5 mm	13.1 W
Mounting Method	Static heat dissipation, non-current-dependent
DIN rail	0 W
Quick attachment with 2 latch positions for DIN-rail IEC/EN 60715	Heat dissipation capacity
	0 W
Degree of protection	Ambient operating temperature - min
IP20, IP40 with suitable enclosure	-25 °C
IP20	Ambient operating temperature - max
Terminals (top and bottom)	60 °C
Open mouthed/lift terminals	
Terminal capacity (solid wire)	Konstrukcióigazolás az IEC/EN 61439 szerint
1.5 mm <sup>2</sup> - 35 mm <sup>2</sup>	
Connectable conductor cross section (solid-core) - min	<b>10.2.2 Corrosion resistance</b>
1.5 mm <sup>2</sup>	Meets the product standard's requirements.
Connectable conductor cross section (solid-core) - max	<b>10.2.3.1 Verification of thermal stability of enclosures</b>
35 mm <sup>2</sup>	Meets the product standard's requirements.
Terminal capacity (stranded cable)	<b>10.2.3.2 Verification of resistance of insulating materials to normal heat</b>
16 mm <sup>2</sup> (2x)	Meets the product standard's requirements.
Connectable conductor cross section (multi-wired) - min	<b>10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects</b>
1.5 mm <sup>2</sup>	Meets the product standard's requirements.
Connectable conductor cross section (multi-wired) - max	<b>10.2.4 Resistance to ultra-violet (UV) radiation</b>
16 mm <sup>2</sup>	Meets the product standard's requirements.
Terminal protection	<b>10.2.5 Lifting</b>
Finger and hand touch safe, DGUV VS3, EN 50274	Does not apply, since the entire switchgear needs to be evaluated.
Busbar material thickness	<b>10.2.6 Mechanical impact</b>
0.8 mm - 2 mm	Does not apply, since the entire switchgear needs to be evaluated.
Lifespan, mechanical	<b>10.2.7 Inscriptions</b>
20000 operations	Meets the product standard's requirements.
Permitted storage and transport temperature - min	
-35 °C	

Permitted storage and transport temperature - max	10.3 Degree of protection of assemblies
60 °C	Does not apply, since the entire switchgear needs to be evaluated.
<b>Climatic proofing</b>	<b>10.4 Clearances and creepage distances</b>
25-55 °C / 90-95% relative humidity according to IEC 60068-2	Meets the product standard's requirements.
	<b>10.5 Protection against electric shock</b>
	Does not apply, since the entire switchgear needs to be evaluated.
	<b>10.6 Incorporation of switching devices and components</b>
	Does not apply, since the entire switchgear needs to be evaluated.
	<b>10.7 Internal electrical circuits and connections</b>
	Is the panel builder's responsibility.
	<b>10.8 Connections for external conductors</b>
	Is the panel builder's responsibility.
	<b>10.9.2 Power-frequency electric strength</b>
	Is the panel builder's responsibility.
	<b>10.9.3 Impulse withstand voltage</b>
	Is the panel builder's responsibility.
	<b>10.9.4 Testing of enclosures made of insulating material</b>
	Is the panel builder's 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.

## Kiegészítő információk

Accessories required  
Z-HK 248432

## Források

Katalógusok  
[eaton-xpole-pf7-rccb-catalog-ca019032en-en-us.pdf](http://eaton-xpole-pf7-rccb-catalog-ca019032en-en-us.pdf)

## Features

Residual current circuit breaker  
Additional equipment possible

eaton-xpole-pf6-rccb-catalog-ca019034en-en-us.pdf

## Fitted with:

Interlocking device  
IS/SPE-1TE 101911

Megfelelőségi nyilatkozatok  
DA-DC-03\_PF7

## Special features

Maximum operating  
temperature is 60 °C:  
Starting at 40 °C, the max.  
permissible continuous  
current decreases by 2.5%  
for every 1 °C  
Tripping signal contact for  
subsequent installation Z-  
NHK 248434

Rajzok  
eaton-xpole-pf67-rccb-3d-drawing.jpg  
eaton-circuit-breaker-xeffect-frcmm-rccb-dimensions.jpg

## Used with

KLV-TC-4 276241 (Compact enclosure)  
Z-FW/LP 248296 (Remote control and automatic switching  
device)  
Z-RC/AK-4TE 101062 (sealing cover set)

Telepítési útmutató  
IL019140ZU



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