

# Spesifikasjoner



## Eaton 300351

Eaton Moeller series xEffect - FAZ MCB.  
Miniature circuit breaker (MCB), 40 A, 2p,  
characteristic: OV

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series xEffect - FAZ MCB
<b>CATALOG NUMBER</b>	300351
<b>EL NUMBER</b>	1624143
<b>EAN</b>	9010238117822
<b>PRODUCT LENGTH/DEPTH</b>	72.6 mm
<b>PRODUCT HEIGHT</b>	80 mm
<b>PRODUCT WIDTH</b>	35.4 mm
<b>PRODUCT WEIGHT</b>	0.237 kg
<b>COMPLIANCES</b>	RoHS conform
<b>MODEL CODE</b>	FAZ-OV40/2



Powering Business Worldwide

## Delivery Program

NUMBER OF POLES (TOTAL)	2
NUMBER OF POLES (PROTECTED)	2
RELEASE CHARACTERISTIC	Other
AMPERAGE RATING	40 A

## Technical data - electrical

VOLTAGE TYPE	AC
RATED OPERATIONAL VOLTAGE (UE) - MAX	230 V
RATED INSULATION VOLTAGE (UI)	440 V
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
FREQUENCY RATING - MIN	50 Hz
FREQUENCY RATING - MAX	60 Hz
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V	10 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V	10 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 230 V	15 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 400 V	15 kA
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	2

## Technical data - mechanical

**WIDTH IN NUMBER OF  
MODULAR SPACINGS** 2

**BUILT-IN DEPTH** 60 mm

**DEGREE OF PROTECTION** IP20

**CONNECTABLE  
CONDUCTOR CROSS  
SECTION (SOLID-CORE) -  
MIN** 1.5 mm<sup>2</sup>

**CONNECTABLE  
CONDUCTOR CROSS  
SECTION (SOLID-CORE) -  
MAX** 35 mm<sup>2</sup>

**CONNECTABLE  
CONDUCTOR CROSS  
SECTION (MULTI-WIRED)  
- MIN** 2 mm<sup>2</sup>

**CONNECTABLE  
CONDUCTOR CROSS  
SECTION (MULTI-WIRED)  
- MAX** 16 mm<sup>2</sup>

## Design verification as per IEC/EN 61439 - technical data

**AMBIENT OPERATING  
TEMPERATURE - MIN** -20 °C

**AMBIENT OPERATING  
TEMPERATURE - MAX** 55 °C

## Design verification as per IEC/EN 61439

<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<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>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	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

## Additional information

<b>CURRENT LIMITING CLASS</b>	3
<b>FEATURES</b>	Additional equipment possible
<b>SUITABLE FOR</b>	Flush-mounted installation

	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.

Ressurser

DECLARATIONS OF CONFORMITY	<a href="#">eaton-mcb-declaration-of-conformity-eu250395en.pdf</a>
INSTALLERINGSINSTRUKSJONER	<a href="#">eaton-rccb-rcbo-g9-il019140zu.pdf</a>
MCAD MODEL	<a href="#">faz_1pn_2p.stp</a> <a href="#">faz_1pn_2p.dwg</a>

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATO:



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