

Specificații



Imaginile sunt doar cu titlu informativ



Eaton PDE23F0250VAAS

Eaton Moeller series Power Defense - Molded Case Circuit Breaker. Circuit breaker, 250A, 25kA, 3p, 50°C, screw terminal, frame 2

Specificații generale

PRODUCT NAME	Eaton Moeller series Power Defense molded case circuit-breaker
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CATALOG NUMBER	PDE23F0250VAAS
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EAN	9008790969690
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PRODUCT LENGTH/DEPTH	201 mm
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PRODUCT HEIGHT	89 mm
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PRODUCT WIDTH	103 mm
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PRODUCT WEIGHT	2.646 kg
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COMPLIANCES	RoHS conform
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CERTIFICATIONS	IEC IEC/EN 60947
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MODEL CODE	PDE23F0250VAAS
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Powering Business Worldwide

Informații suplimentare

FUNCTIONS

System and cable
protection

Programul de livrare

AMPERAGE RATING 250 A

**CIRCUIT BREAKER FRAME
TYPE** PDE2

FEATURES Protection unit
Motor drive optional

NUMBER OF POLES Three-pole

RELEASE SYSTEM Thermomagnetic release

SPECIAL FEATURES Thermally and
magnetically adjustable
(calibrated at 50 °C)

TYPE Circuit breaker

Verificarea proiectării conform IEC/EN 61439

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

Verificarea designului conform cu IEC/EN 61439 - date tehnice

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT STORAGE TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-20 °C
AMBIENT STORAGE TEMPERATURE - MIN	-20 °C

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 ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.

Technical data - electrical

AMPERAGE RATING	250 A
DIRECTION OF INCOMING SUPPLY	Vertical and 90° in all directions
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Screw connection
HANDLE TYPE	Rocker lever
INSTANTANEOUS CURRENT SETTING (II) - MAX	2000 A
INSTANTANEOUS CURRENT SETTING (II) - MIN	1250 A
NUMBER OF OPERATIONS PER HOUR - MAX	120
OVERLOAD CURRENT SETTING (IR) - MAX	250 A
OVERLOAD CURRENT SETTING (IR) - MIN	200 A
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
RATED CURRENT (IU)	250 A
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AT AUXILIARY CONTACTS	4000 V
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AT MAIN CONTACTS	8000 V
RATED INSULATION VOLTAGE (UI)	800 V AC
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V, 50/60 HZ	35 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 400/415 V, 50/60 HZ	25 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ	15 kA
UTILIZATION CATEGORY	A
VOLTAGE RATING	220 V - 440 V
VOLTAGE RATING (DC)	250 V

Technical data - mechanical

DEGREE OF PROTECTION	IP2X
LIFESPAN, MECHANICAL	20000 operations
MOUNTING METHOD	DIN rail (top hat rail) mounting optional Complete device in housing Fixed
NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT	Front side
SPECIAL FEATURES	Thermally and magnetically adjustable (calibrated at 50 °C)

Technical data - mechanical - terminals

STANDARD TERMINALS Screw terminal

Resurse

CHARACTERISTIC CURVE

[eaton-circuit-breaker-current-power-defense-mccb-characteristic-curve-010.jpg](#)

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[eaton-circuit-breaker-current-power-defense-mccb-characteristic-curve-023.jpg](#)

[eaton-circuit-breaker-characteristic-power-defense-mccb-characteristic-curve-008.jpg](#)

DESENE

[eaton-power-defense-mccb-dimensions-003.jpg](#)

DENUMIREA PROIECTULUI:

NUMĂRUL PROIECTULUI:

PREGĂTIT DE:

DATA:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Irlanda
Eaton.com

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