

Specificații



Eaton EP-501053

HLN-B25/1N . Miniature circuit breaker (MCB), 25 A, 1p+N, characteristic: B

General specifications

PRODUCT NAME	Eaton Moeller series xEffect - FAZ-DC MCB
CATALOG NUMBER	EP-501053
EAN	9010653033387
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	75 mm
PRODUCT WIDTH	17.5 mm
PRODUCT WEIGHT	0.124 kg
COMPLIANCES	RoHS conform CE Marked
MODEL CODE	HLN-B25/1N

Delivery program

NUMBER OF POLES	Single-pole + N
NUMBER OF POLES (TOTAL)	2
NUMBER OF POLES (PROTECTED)	1
RELEASE CHARACTERISTIC	B
AMPERAGE RATING	25 A
TYPE	Miniature circuit breaker

Technical data - electrical

VOLTAGE TYPE	AC
VOLTAGE RATING	230 V AC
RATED OPERATIONAL VOLTAGE (UE) - MAX	230 V
RATED INSULATION VOLTAGE (UI)	440 V
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
FREQUENCY RATING	50/60 Hz
FREQUENCY RATING - MIN	50 Hz
FREQUENCY RATING - MAX	60 Hz
RATED SWITCHING CAPACITY (IEC/EN 60898-1)	4.5 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 230 V	4.5 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 400 V	4.5 kA
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	2

Technical data - mechanical

WIDTH IN NUMBER OF MODULAR SPACINGS	1
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BUILT-IN DEPTH	70.5 mm
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DEGREE OF PROTECTION	IP20
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CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1 mm ²
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CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	25 mm ²
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CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1 mm ²
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CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	25 mm ²
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Additional information

CURRENT LIMITING CLASS	3
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SPECIAL FEATURES	linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
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Design verification as per IEC/EN 61439 - technical data

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	25 A
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HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0 W
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EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	3.2 W
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STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W
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HEAT DISSIPATION CAPACITY	0 W
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AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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AMBIENT OPERATING TEMPERATURE - MAX	75 °C
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Resurse

CATALOGUE	eaton-xeffect-faz-dc-mcb-catalog-ca003030en-en-us.pdf
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CHARACTERISTIC CURVE	eaton-xeffect-faz-dc-mcb-characteristic-curve-003.jpg eaton-xeffect-faz-dc-mcb-characteristic-curve-004.jpg
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DECLARATIONS OF CONFORMITY	DA-DC-03_PLN
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DESENE	eaton-xeffect-faz-dc-mcb-dimensions-005.jpg eaton-xeffect-faz-dc-mcb-3d-drawing.jpg
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SCHEME ELECTRICE	eaton-xeffect-faz-dc-mcb-wiring-diagram-003.jpg
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PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATA:



Eaton Corporation plc

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

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