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## Eaton EMDH450

Eaton Moeller series xPole UK - EM.H MCB.  
EM, 4 pole, trip type: D, rated current In: 50  
A, rated switching capacity IEC/EN 60947-2:  
15 kA

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<b>PRODUCT NAME</b>	Eaton Moeller series xPole UK - EM.H MCB
<b>CATALOG NUMBER</b>	EMDH450
<b>PRODUCT LENGTH/DEPTH</b>	85 mm
<b>PRODUCT HEIGHT</b>	73 mm
<b>PRODUCT WIDTH</b>	70 mm
<b>PRODUCT WEIGHT</b>	0.48 kg
<b>COMPLIANCES</b>	RoHS conform



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**USED WITH** EM  
Miniature circuit breaker

**AMPERAGE RATING** 50 A

**FEATURES** Additional equipment possible

**POLLUTION DEGREE** 2

**DEGREE OF PROTECTION** IP20

**RATED IMPULSE WITHSTAND VOLTAGE (UIMP)** 4 kV

**TRIPPING CHARACTERISTIC** D

**AMBIENT OPERATING TEMPERATURE - MAX** 75 °C

**AMBIENT OPERATING TEMPERATURE - MIN** -25 °C

**BUILT-IN DEPTH** 70.5 mm

**CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX** 25 mm<sup>2</sup>

**CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN** 1 mm<sup>2</sup>

**CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX** 25 mm<sup>2</sup>

**CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN** 1 mm<sup>2</sup>

**CURRENT LIMITING CLASS** 3

**FREQUENCY RATING - MAX** 60 Hz

**FREQUENCY RATING - MIN** 50 Hz

**WIDTH IN NUMBER OF MODULAR SPACINGS** 4

**VOLTAGE TYPE** AC

**OVERVOLTAGE CATEGORY** III

**NUMBER OF POLES** Four-pole

**RELEASE CHARACTERISTIC** D

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