



Eaton 264902

Eaton Moeller series xPole - PL7-DC MCB.
PL7, 2-pole, tripping characteristic: C, rated
current In: 16 A, rated switching capacity
acc. to IEC/EN 60947-2: 10 kA, Switchgear for
DC applications

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PRODUCT NAME	Eaton Moeller series xPole - PL7-DC MCB
CATALOG NUMBER	264902
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	72 mm
PRODUCT WIDTH	35.4 mm
PRODUCT WEIGHT	0.24 kg
COMPLIANCES	RoHS conform

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USED WITH	Miniature circuit breaker PL7
AMPERAGE RATING	16 A
FEATURES	Additional equipment possible
POLLUTION DEGREE	2
DEGREE OF PROTECTION	IP20
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
TRIPPING CHARACTERISTIC	C
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 ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	25 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1 mm ²
CURRENT LIMITING CLASS	3
FREQUENCY RATING - MAX	0 Hz
FREQUENCY RATING - MIN	0 Hz
HEAT DISSIPATION CAPACITY	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0 W
WIDTH IN NUMBER OF MODULAR SPACINGS	2
VOLTAGE TYPE	DC
OVERVOLTAGE CATEGORY	III

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CHARACTERISTIC CURVE	eaton-xeffect-faz-dc-mcb-characteristic-curve-002.jpg
□□□	eaton-xeffect-faz-dc-mcb-characteristic-curve.jpg
□□□□	eaton-xpole-pl7-dc-mcb-catalog-ca019070en-en-us.pdf
□□	eaton-xpole-mmc4-6-mcb-dimensions.jpg

NUMBER OF POLES	Two-pole
RELEASE CHARACTERISTIC	C
TYPE	• Miniature circuit breaker • PL7
SPECIAL FEATURES	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
APPLICATION	Switchgear for DC applications
NUMBER OF POLES (PROTECTED)	2
NUMBER OF POLES (TOTAL)	2
RATED INSULATION VOLTAGE (UI)	440 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	16 A
RATED OPERATIONAL VOLTAGE (UE) - MAX	250 V
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V	0 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V	0 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 230 V	10 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 400 V	10 kA
RATED SWITCHING CAPACITY (IEC/EN 60947-2)	10 kA
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W
POWER LOSS	4.2 W

