

Eaton 165267

Eaton Moeller series xPole - PL7 MCB. PL7, 3-pole+N, tripping characteristic: C, rated current In: 1 A, rated switching capacity IEC/EN 60898-1: 10 kA

PRODUCT NAME	Eaton Moeller series xPole - PL7 MCB	
CATALOG NUMBER	165267	
PRODUCT LENGTH/DEPTH	85 mm	
PRODUCT HEIGHT	EIGHT 73 mm	
PRODUCT WIDTH	70 mm	
PRODUCT WEIGHT	0.48 kg	
COMPLIANCES	RoHS conform	



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USED WITH	WITH Miniature circuit breaker PL7	
AMPERAGE RATING	ERAGE RATING 1 A	
FEATURES	Concurrently switching N- neutral Additional equipment possible	
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	

CHARACTERISTIC CURVE	eaton-xpole-mmc4-6-m- mcb-characteristic-curve- 002.jpg	
000	eaton-xpole-mmc4-6-m- mcb-wiring-diagram- 004.jpg	
0000	eaton-xpole-pl7-mcb- catalog-ca019068en-en- us.pdf	
пп	eaton-xpole-mmc4-6-m- mcb-dimensions.jpg	
UU	eaton-xpole-mmc4-6-m- mcb-3d-drawing-007.jpg	

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CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) 25 mm ²		-25 °C	
CONDUCTOR CROSS SECTION (MULTI-WIRED) 25 mm ²	BUILT-IN DEPTH	69.5 mm	
	CONDUCTOR CROSS SECTION (MULTI-WIRED)	25 mm²	
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	CONDUCTOR CROSS SECTION (MULTI-WIRED)	1 mm²	
CONNECTABLE CONDUCTOR CROSS 25 mm ² SECTION (SOLID-CORE) -			

MAX	
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1 mm²
CURRENT LIMITING CLASS	3
FREQUENCY RATING - MAX	60 Hz
FREQUENCY RATING - MIN	50 Hz
HEAT DISSIPATION CAPACITY	0 W
HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT	0 W
WIDTH IN NUMBER OF MODULAR SPACINGS	4
VOLTAGE TYPE	AC
OVERVOLTAGE CATEGORY	III
NUMBER OF POLES	Three-pole + N
RELEASE CHARACTERISTIC	С
ТҮРЕ	Miniature circuit breakerPL7
SPECIAL FEATURES	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
APPLICATION	 Switchgear for residential and commercial applications xPole - Switchgear for residential and commercial applications
NUMBER OF POLES (PROTECTED)	3
NUMBER OF POLES (TOTAL)	4
RATED INSULATION VOLTAGE (UI)	440 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	1 A
RATED OPERATIONAL	230 V

VOLTAGE (UE) - MAX RATED SHORT-CIRCUIT BREAKING CAPACITY 10 kA (IEC/EN 60898-1) - ICN AT 230 V **RATED SHORT-CIRCUIT BREAKING CAPACITY** 10 kA (IEC/EN 60898-1)- ICN AT 400 V **RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC** 0 kA 60947-2)- ICU AT 230 V **RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC** 0 kA 60947-2)- ICU AT 400 V **RATED SWITCHING** CAPACITY (IEC/EN 60898-10 kA 1) **STATIC HEAT DISSIPATION, NON-**0 W **CURRENT-DEPENDENT POWER LOSS** 3.8 W

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□□□□ Eaton House

30 Pembroke Road

Dublin 4, □□□

Eaton.com