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Eaton 139310

Eaton Moeller series xPole (Style 5) - mMC4/6/M MCB. mMC6, 1-pole+N, trip type: B, rated operational current In: 50 A, rated switching capacity IEC/EN 60898-1: 6 kA

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PRODUCT NAME	Eaton Moeller series xPole (Style 5) - mMC4/6/M MCB
CATALOG NUMBER	139310
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	35 mm
PRODUCT WEIGHT	0.24 kg
COMPLIANCES	RoHS conform



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USED WITH	Z-FW/LP 248296 (Remote control and automatic switching device) Miniature circuit breaker mMC6
AMPERAGE RATING	50 A
FEATURES	Concurrently switching N-neutral Additional equipment possible
ACCESSORIES REQUIRED	ZP-IHK 286052
FITTED WITH:	Z-IS/SPE-1TE 274418
FRAME	45 mm
POLLUTION DEGREE	2
LIFESPAN, MECHANICAL	20000 operations
MOUNTING METHOD	Quick attachment with 3 latch positions for top-hat rail IEC/EN 60715
DEGREE OF PROTECTION	IP20
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
BUSBAR MATERIAL THICKNESS	0.8 mm - 2 mm
TERMINAL PROTECTION	Finger and hand touch safe, DGUV VS3, EN 50274
TERMINALS (TOP AND BOTTOM)	Open mouthed/lift terminals
TRIPPING CHARACTERISTIC	B
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	1 mm ²

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CHARACTERISTIC CURVE	eaton-xpole-mmc4-6-mcb-characteristic-curve-004.jpg eaton-xpole-mmc4-6-mcb-characteristic-curve.jpg
MCAD MODEL	mmc_1pn_2p.stp
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□□□	eaton-xpole-mmc4-6-mcb-wiring-diagram.jpg
	eaton-xpole-mmc4-6-mcb-dimensions.jpg
□□	eaton-xpole-mmc4-6-mcb-3d-drawing-003.jpg

SECTION (SOLID-CORE) - MIN	
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	2
VOLTAGE TYPE	AC
OVERVOLTAGE CATEGORY	III
NUMBER OF POLES	Single-pole + N
LIFESPAN, ELECTRICAL	10000 operations
RELEASE CHARACTERISTIC	B
TYPE	<ul style="list-style-type: none"> • Miniature circuit breaker • mMC6
SPECIAL FEATURES	<ul style="list-style-type: none"> • Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity • Tripping signal contact for subsequent installation Z-NHK 248434
APPLICATION	<ul style="list-style-type: none"> • Switchgear for residential and commercial applications • xPole - Switchgear for residential and commercial applications
NUMBER OF POLES (PROTECTED)	1
NUMBER OF POLES (TOTAL)	2

