



Eaton 305149

FRBMM-D20/1N/003-A-RT. RCD/MCB, 20A, 30mA, miniature circuit-breaker trip curve: D, 1pole+N, residual current circuit-breaker trip characteristic: A

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PRODUCT NAME	Eaton Moeller series xEffect - FRBmM RCBO - residual-current circuit breaker with overcurrent protection
CATALOG NUMBER	305149
PRODUCT LENGTH/DEPTH	75.5 mm
PRODUCT HEIGHT	84.5 mm
PRODUCT WIDTH	35.4 mm
PRODUCT WEIGHT	0.193 kg
CERTIFICATIONS	EN45545-2 IEC 61373

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AMPERAGE RATING	40 A
SURGE CURRENT CAPACITY	0.25 kA
VOLTAGE TYPE	AC
WIDTH IN NUMBER OF MODULAR SPACINGS	2
OPERATING AMBIENT TEMPERATURE - MAX	40 °C
OPERATING AMBIENT TEMPERATURE - MIN	-25 °C
RATED CURRENT	20 A
RATED SWITCHING CAPACITY (IEC/EN 60947-2)	15 kA
BUILT-IN DEPTH	75.5 mm
CURRENT LIMITING CLASS	3
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60947-2)	15 kA
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
FAULT CURRENT RATING	0.03 A
NUMBER OF POLES (PROTECTED)	1
NUMBER OF POLES (TOTAL)	2
RATED OPERATIONAL VOLTAGE (UE) - MAX	240 V
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)	15 kA
MOUNTING METHOD	DIN rail
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
DEGREE OF PROTECTION	IP20
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	2
LEAKAGE CURRENT TYPE	A
RELEASE CHARACTERISTIC	D
FREQUENCY RATING	50 Hz
RATED INSULATION	500 V

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VOLTAGE (UI)	
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	25 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	25 mm ²
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 61009)	10 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 61009-1)	10 kA
DISCONNECTION CHARACTERISTIC	Undelayed

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:



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