



## Eaton 305115

FRBMM-B10/1N/003-A-RT. RCD/MCB, 10A, 30mA, miniature circuit-breaker trip curve: B, 1pole+N, residual current circuit-breaker trip characteristic: A



<b>PRODUCT NAME</b>	Eaton Moeller series xEffect - FRBmM RCBO - residual-current circuit breaker with overcurrent protection
<b>CATALOG NUMBER</b>	305115
<b>PRODUCT LENGTH/DEPTH</b>	75.5 mm
<b>PRODUCT HEIGHT</b>	84.5 mm
<b>PRODUCT WIDTH</b>	35.4 mm
<b>PRODUCT WEIGHT</b>	0.192 kg
<b>CERTIFICATIONS</b>	EN45545-2 IEC 61373



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<b>AMPERAGE RATING</b>	13 A
<b>SURGE CURRENT CAPACITY</b>	0.25 kA
<b>VOLTAGE TYPE</b>	AC
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	2
<b>OPERATING AMBIENT TEMPERATURE - MAX</b>	40 °C
<b>OPERATING AMBIENT TEMPERATURE - MIN</b>	-25 °C
<b>RATED CURRENT</b>	10 A
<b>RATED SWITCHING CAPACITY (IEC/EN 60947-2)</b>	15 kA
<b>BUILT-IN DEPTH</b>	75.5 mm
<b>CURRENT LIMITING CLASS</b>	3
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60947-2)</b>	15 kA
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	40 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>FAULT CURRENT RATING</b>	0.03 A
<b>NUMBER OF POLES (PROTECTED)</b>	1
<b>NUMBER OF POLES (TOTAL)</b>	2
<b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>	240 V
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)</b>	15 kA
<b>MOUNTING METHOD</b>	DIN rail
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4 kV
<b>DEGREE OF PROTECTION</b>	IP20
<b>OVERVOLTAGE CATEGORY</b>	III
<b>POLLUTION DEGREE</b>	2
<b>LEAKAGE CURRENT TYPE</b>	A
<b>RELEASE CHARACTERISTIC</b>	B
<b>FREQUENCY RATING</b>	50 Hz
<b>RATED INSULATION</b>	500 V

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□□	<a href="#">eaton-xeffect-frbm6m-wiring-diagram.jpg</a>
	<a href="#">eaton-xeffect-frbm6m-dimensions.jpg</a>

