



Eaton 168278

Eaton Moeller series xEffect - FRBdM RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 25A, 30mA, MCB trip type D, 1-phase+N, RCCB trip type: A

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PRODUCT NAME	Eaton Moeller series xEffect - FRBdM RCBO - residual-current circuit breaker with overcurrent protection
CATALOG NUMBER	168278
PRODUCT LENGTH/DEPTH	86 mm
PRODUCT HEIGHT	75 mm
PRODUCT WIDTH	37 mm
PRODUCT WEIGHT	0.25 kg
COMPLIANCES	CE Marked RoHS conform
CERTIFICATIONS	CE

Delivery Program

BASIC FUNCTION	Combined RCD/MCB devices
NUMBER OF POLES (TOTAL)	2
TRIPPING CHARACTERISTIC	D
TYPE	RCBO
APPLICATION	Switchgear for industrial and advanced commercial applications
TRIPPING CHARACTERISTIC	D
TYPE	RCBO
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be evaluated.
SENSITIVITY TYPE	Pulse-current sensitive
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be evaluated.

Technical Data - Electrical

SENSITIVITY TYPE	Pulse-current sensitive
TRIPPING CHARACTERISTIC	D

Technical Data		附件	
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.	CHARACTERISTIC CURVE	eaton-xeffect-frbdm-characteristic-curve.jpg
CURRENT LIMITING CLASS	3	附件	eaton-xeffect-frbdm-wiring-diagram.jpg
RATED SWITCHING CAPACITY (IEC/EN 61009)	10 kA		eaton-xeffect-digital-switchgear-brochure-br003004en-en-us.pdf
RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60947-2)	0 kA	附件	eaton-xeffect-digital-circuit-breaker-brochure-br003004en-en-us.pdf
DISCONNECTION CHARACTERISTIC	Short-time delayed	附件	eaton-xeffect-frbdm-rcbo-catalog-ca003013en-en-us.pdf
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.		eaton-xeffect-frbdm-dimensions.jpg
WIDTH IN NUMBER OF MODULAR SPACINGS	2	附件	eaton-xeffect-frbdm-3d-drawing-003.jpg
HEAT DISSIPATION CAPACITY	0 W		eaton-xeffect-frbdm-3d-drawing-006.jpg
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.		
POLLUTION DEGREE	2		
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.		
PROJECT NAME:			
PROJECT NUMBER:			
PREPARED BY:			
日期:			