

UL 1053 DIN Rail RCCB



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UL 1053 DIN Rail RCCB 208Y/120 Vac

Product Overview

Optimum product quality, tested reliability and safety stand for best protection of installations and plant. Eaton's UL 1053 Residual Current Circuit Breaker (RCCB) is designed for use in residual current applications.

Application Description

- Motor control circuits
- HVAC internal/external equipment
- PLCs
- HMIs
- Equipment protection

Features

- Wide range of compact RCD type serving as fault-current and additional protection according to UL 1053 and IEC/EN 61008 standards, suitable for worldwide use in the 110V range of applications
- Type A or Type G/A (with delay) protection available
- Comprehensive range of accessories
- Real contact position indicator
- Fault current tripping indicator
- Transparent designation plate
- Trip-free design—RCCB can not be defeated by holding the handle in the ON position
- Captive screws cannot be lost

Standards and Certifications

- UL 1053
- IEC/EN 61008



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Miniature Circuit Breakers and Supplementary Protectors

UL 1053 DIN Rail RCCB

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Product Selection

UL 1053 RCCB 208Y/120 Vac Type A

Four-Pole



Conditionally Surge Current–Proof 250A, Sensitive to Residual Pulsating DC, Type A

Four-Pole

Amperes	GF Sensitivity (mA)	Catalog Number ^①	Designation
25	30	167699	FRCmM-25/4/003-A-NA-110
	300	167702	FRCmM-25/4/03-A-NA-110
40	30	167700	FRCmM-40/4/003-A-NA-110
	300	167703	FRCmM-40/4/03-A-NA-110
63	30	167701	FRCmM-63/4/003-A-NA-110
	300	167704	FRCmM-63/4/03-A-NA-110

UL 1053 RCCB 208Y/120 Vac Type G/A

Type G/A has a 10 ms delay.

Two-Pole



Surge Current–Proof 3 kA, Sensitive to Residual Pulsating DC, Type G/A (ÖVE E 8601)

Two-Pole

Amperes	GF Sensitivity (mA)	Catalog Number ^①	Designation
25	30	167693	FRCmM-25/2/003-G/A-NA-110
	300	167696	FRCmM-25/2/03-G/A-NA-110
40	30	167694	FRCmM-40/2/003-G/A-NA-110
	300	167697	FRCmM-40/2/03-G/A-NA-110
63	30	167695	FRCmM-63/2/003-G/A-NA-110
	300	167698	FRCmM-63/2/03-G/A-NA-110

Four-Pole



Surge Current–Proof 3 kA, Sensitive to Residual Pulsating DC, Type G/A (ÖVE E 8601)

Four-Pole

Amperes	GF Sensitivity (mA)	Catalog Number ^①	Designation
25	30	167705	FRCmM-25/4/003-G/A-NA-110
	300	167708	FRCmM-25/4/03-G/A-NA-110
40	30	167706	FRCmM-40/4/003-G/A-NA-110
	300	167709	FRCmM-40/4/03-G/A-NA-110
63	30	167707	FRCmM-63/4/003-G/A-NA-110
	300	167710	FRCmM-63/4/03-G/A-NA-110

Note

^① Has no thermal element; must be paired with FAZ-NA or FAZ per application.