

Industrial miniature
circuit breakers



UL 1053 DIN rail RCCB



Superior product quality, tested reliability and safety make Eaton's UL® 1053 Residual Current Circuit Breaker (RCCB) the optimum product for your residual current applications (earth leakage).

Features

- Wide range of compact RCCB types serving as fault-current and additional protection according to UL 1053 and IEC/EN 61008 standards, suitable for worldwide use
- 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 cannot be defeated by holding the handle in the ON position
- Captive screws cannot be lost
- 480Y/277 Vac and 208Y/120 Vac models

Standards and certifications

- UL 1053
- IEC/EN 61008
- CSA®
- OVE
- CE marked



EATON

Powering Business Worldwide

UL 1053 RCCB 480Y/277V Type G/A ①

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



Amperes	GF Sensitivity (mA)	Catalog Number ②	Designation
Two-Pole			
25	30	167119	FRCmM-25/2/003-G/A-NA
	300	167122	FRCmM-25/2/03-G/A-NA
40	30	167120	FRCmM-40/2/003-G/A-NA
	300	167123	FRCmM-40/2/03-G/A-NA
63	30	167121	FRCmM-63/2/003-G/A-NA
	300	167124	FRCmM-63/2/03-G/A-NA
Four-Pole			
25	30	167107	FRCmM-25/4/003-G/A-NA
	300	167110	FRCmM-25/4/03-G/A-NA
40	30	167108	FRCmM-40/4/003-G/A-NA
	300	167111	FRCmM-40/4/03-G/A-NA
63	30	167109	FRCmM-63/4/003-G/A-NA
	300	167112	FRCmM-63/4/03-G/A-NA

① Type G/A has a 10 ms delay.

② Has no thermal element; must be paired with FAZ-NA or FAZ per application.

UL 1053 RCCB 208Y/120 Vac Type G/A ①

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

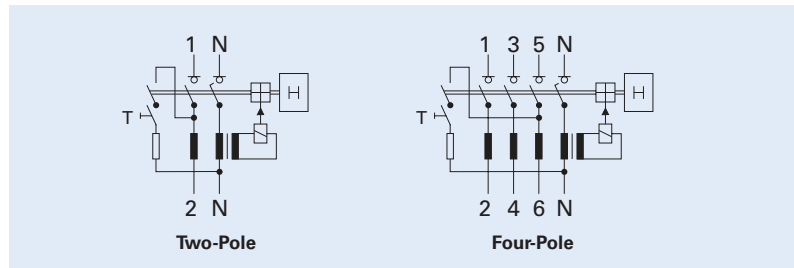


Amperes	GF Sensitivity (mA)	Catalog Number ②	Designation
Two-Pole			
25	30	167693	FRCmM-25/2/003-G/A-NA-110
	300	167696	FRCmM-25/2/03-G/A-NA-110
40	30	167694	FRCmM-40/2/003-G/A-NA-110
	300	167697	FRCmM-40/2/03-G/A-NA-110
63	30	167695	FRCmM-63/2/003-G/A-NA-110
	300	167698	FRCmM-63/2/03-G/A-NA-110
Four-Pole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

① Type G/A has a 10 ms delay.

② Has no thermal element; must be paired with FAZ-NA or FAZ per application.

Connection diagrams



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