



MR30

RCBOs – field fittable residual current units

- Any standard 1P or 1P+N Eaton MCB, 10kA, 15kA & 6kA, can be field fitted with a residual current unit to create an RCBO. To order simply select the required sensitivity and system voltage from the table below.
- For standard applications either the 230 – 240 Vac or 110 Vac ranges are used.
- For applications where 110 V centre-tapped power supplies are provided, additional high levels of safety can be achieved through use of a standard Eaton 2P, type B or type C MCB fitted with a 110 CTE type residual current unit.

Description	Rating	Sensitivity	Quantity per carton	Eaton list number
Field fittable RC-units	230 – 240 Vac	30 mA	1	MR30
Field fittable RC-units (1.2m tail)	230 – 240 Vac	30 mA	1	MR30LL¹
Field fittable RC-units	230 – 240 Vac	100 mA	1	MR100
Field fittable RC-units (1.2m tail)	230 – 240 Vac	100 mA	1	MR100LL¹
Field fittable RC-units	Time delayed, 230 – 240 Vac	100 mA	1	MR100D
	Time delayed, 230 – 240 Vac	300 mA	1	MR300D
	110 Vac	30 mA	1	MR30/110
	110 Vac	100 mA	1	MR100/110
	110 Vac CTE system	30 mA	1	MR30/110CTE
	110 Vac CTE system	100 mA	1	MR100/110CTE

¹For 24 way type B TPN Distribution boards, suffix 'LL' versions have 1.2m tails and are required when used on outgoing circuits 17-24

Earth leakage relays & CTs

Suitable for use with all Eaton MCCBs & MCBs to provide add-on earth leakage protection functionality. The earth leakage relay is used with an ELRCT series current transformer (core balance) and an appropriate MCB/MCCB shunt trip or undervoltage release. Power supply required 220-240V ac, 50/60Hz. Output contacts (volt-free) rated at 250V ac, 6A. Power and system LEDs show status of the relay, CT continuity, level of earth leakage, earth leakage trip. Eaton Earth Leakage Relays are designed & tested in accordance with IEC61008-1.

➔ See page 78 for dimensional details.



ELR1ADJ

Earth leakage relays – adjustable trip

Description	Sensitivity	Time delay	Width	Quantity per carton	Eaton list number
Earth leakage relay	Adjustable 30mA, 100mA, 300mA, 500mA, 1A, 3A, 5A	Adjustable 0.02, 0.1, 0.3, 0.5, 1, 3, 5s	36mm	1	ELR1ADJ



ELR30F

Earth leakage relays – fixed trip

Description	Sensitivity	Time delay	Width	Quantity per carton	Eaton list number
Earth leakage relay	Fixed 30mA	Instantaneous (0.02s)	36mm	1	ELR30F
Earth leakage relay	Fixed 300mA	Instantaneous (0.02s)	36mm	1	ELR300F