Description

RCBO's are compact combination devices which provide MCB overcurrent protection & earth leakage protection. The Type A & Type AC devices, with line neutral switched, are available with various current ratings ranging from 6A - 40A.

Type AC devices are the standard unit & will detect an AC sinusoidal residual current. Type A devices are designed with intrinsic features that can detect AC as well as pulsating DC residual currents.

The type A device increases the accuracy in identifying earth leakage faults found in many modern electrical devices such as washing machines, LCD TV, computers etc.

Features

- Earth fault indication window
- Trip free mechanisms

Connection capacity

- 16mm² flexible
- 25mm² rigid

Accessories

Toggle locking device

Applicable to 2 mod devices only

- Auxiliary & alarm contact

Width in

Shunt trip

Recidual

- Undervoltage release





AD120T



ACA566T



ADA566T

Residual current Irn	Current rating (A)	Width in 17.5mm	Cat ref
30mA	10A	1	AD110T
30mA	16A	1	AD116T
30mA	20A	1	AD120T
30mA	25A	1	AD125T
30mA	32A	1	AD132T
10mA	10A	2	ACA560T
10mA	13A	2	ACA563T
10mA	16A	2	ACA566T
30mA	6A	2	ADA556T
30mA	10A	2	ADA560T
30mA	13A	2	ADA563T
30mA	16A	2	ADA566T
30mA	20A	2	ADA570T
30mA	25A	2	ADA575T
30mA	32A	2	ADA582T
	30mA 30mA 30mA 30mA 10mA 10mA 10mA 30mA 30mA 30mA 30mA 30mA 30mA	current Im rating (A) 30mA 10A 30mA 16A 30mA 20A 30mA 25A 30mA 32A 10mA 10A 10mA 13A 10mA 16A 30mA 6A 30mA 10A 30mA 16A 30mA 16A 30mA 20A 30mA 25A	current Im rating (A) 17.5mm 30mA 10A 1 30mA 16A 1 30mA 20A 1 30mA 25A 1 30mA 32A 1 10mA 10A 2 10mA 13A 2 10mA 16A 2 30mA 6A 2 30mA 10A 2 30mA 13A 2 30mA 16A 2 30mA 20A 2 30mA 25A 2

entire installation. It is advisable to set the residual current relay at a residual higher tripping current than a downstream devices (> 30mA) since the upstream device will see the accumulation of leakage currents from the entire installation. The residual current setting will depend on the quantity and type of equipment connected to the installation (Immersion water heaters, switch mode power supplies are particularly prone to leak currents to

earth). The time delay should be set above zero to 300ms.

If further levels of protection are required upstream from the Hager residual current relay, then another residual current relay can be installed upstream and the settings of the upstream device (time and residual current) adjusted higher again.