



Residual Current Devices (RCDs)
Without overload protection

Description

To automatically open a circuit in the event of an earth leakage faulty. Suitable for domestic, commercial and industrial installations.

Nominal voltage: (2 pole) 110/240V 50Hz
(4 pole) 240/415V 50Hz

Nuisance tripping

Hager earth leakage devices are protected against nuisance tripping caused by transient leakage current.

Field fittable (see page B-6)

Auxiliaries and remote operators (CD RCDs only)
– mechanical life: 40.000 operations
– specification SABS IEC 601008 / SANS 767-1

type	overload rating (A)	sensitivity (mA)	poles	description	width in 17.5mm
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30mA sensitivity

CD226J	25A	30 mA	2 pole	earth leakage device	2
CD241J	40A	30 mA	2 pole	earth leakage device	2
CD264J	63A	30 mA	2 pole	earth leakage device	2
CD285Z	100A	30 mA	2 pole	earth leakage device	2
CD464J	63A	30 mA	4 pole	earth leakage device	4
CD485Z	100A	30 mA	4 pole	earth leakage device	4

100/300mA sensitivity (selective type)

CE264J	63A	100 mA	2 pole	earth leakage device	2
CF264J	63A	300 mA	2 pole	earth leakage device	2
CF285Z	100A	300 mA	2 pole	earth leakage device	4
CF464J	63A	300 mA	4 pole	earth leakage device	4
CF485Z	100A	300 mA	4 pole	earth leakage device	4

Combination MCB/RCD (circuit breaker and earth leakage combination)

- Earth leakage with combined overload and short circuit protection

AD series	4.5kA	C curve 5-10In			
AD866J	16A	30 mA	2 pole	earth leakage + MCB	2
AD870J	20A	30 mA	2 pole	earth leakage + MCB	2
AD875J	25A	30 mA	2 pole	earth leakage + MCB	2
AD882J	32A	30 mA	2 pole	earth leakage + MCB	2
AD890J	40A	30 mA	2 pole	earth leakage + MCB	2

Industrial electronic earth leakage relay with separate toroid

- Incorporating "test" and "reset" buttons and LED indication

Fixed sensitivity, instantaneous trip

HR500	220/240V	30 mA	4 pole	entry level e/leakage relay	1
HR502	220/240V	300 mA	4 pole	entry level e/leakage relay	1

Adjustable sensitivity and trip delay

- Selectable In threshold: 0.03A/0.1A/0.3A/0.5A/1A/10A (30mA - 10A)
- Selectable trip delay: 0/0.15/0.35/0.55/1sec/3sec (0-3sec)

HR510	220/240V	selectable	4 pole	earth leakage relay	3
HR520	as above	with fault current indication and 50% pre-alarm output			3

Separate torroid sensors

type	diameter Ø mm	description	
HR700	30 mm	round hole standard torroid	(DIN rail mountable)
HR742	70 mm	round hole standard torroid	chassis mount
HR743	105 mm	round hole standard torroid	chassis mount
HR745	210 mm	round hole standard torroid	chassis mount
HR830	70 x 175 mm	rectangular hole standard torroid	chassis mount