

# Residual circuit breakers (RCBOs): 2P, 2 module with overcurrent protection



## Description

- Provides protection on over-load, short-circuit & earth leakage faults
- Compact 2 pole, 2 module device, saves space

## Technical data

- Conforms to IEC 61009
- Ratings - 6 to 40 A
- No. of poles - 2 pole (in 2 modules)
- Sensitivity - 30mA, 100mA & 300mA
- Tripping curve - C
- Trip Class - class AC

- Breaking capacity – 6kA as per IEC 61009

## Features & benefits:

- Earth fault indicator on front face
- Bi-connect terminals with pull-up design
- Finger proof (IP2X) terminal with safety shutters
- Energy let thru Class 3 reduces stress on cables & insulators
- **RoHS compliant, “Green” product**
- Wide range of accessories are available

## Connection

- 25sq.mm rigid
- 16sq.mm flexible



AD956Y

Sensitivity IDn	Rating In	Modules	Catalogue No.
<b>Double Pole (1P + N)</b>			
30mA	6A	2	AD956Y
	10A	2	AD960Y
	16A	2	AD966Y
	20A	2	AD970Y
	25A	2	AD975Y
	32A	2	AD982Y
	40A	2	AD990Y
100mA	6A	2	AE956Y
	10A	2	AE960Y
	16A	2	AE966Y
	20A	2	AE970Y
	25A	2	AE975Y
	32A	2	AE982Y
	40A	2	AE990Y
300mA	6A	2	AF956Y
	10A	2	AF960Y
	16A	2	AF966Y
	20A	2	AF970Y
	25A	2	AF975Y
	32A	2	AF982Y
	40A	2	AF990Y

# Residual circuit breakers (RCBOs) - type Hi (high immunity) with overcurrent protection



### Description

- Provides protection on overload, short-circuit & earth leakage faults
- Suitable for electrically disturbed networks with pulsated DC, transients & harmonics

### Technical data

- Conforms to IEC 61009
- Ratings - 6 to 40A
- No. of poles - 2P
- Sensitivities - 30mA & 300mA
- Tripping curve - C
- Trip class - class Hi
- Breaking capacity - 6kA as per IEC 61009

### Features & benefits

- Earth fault indicator on front face
- Bi-connect terminals with pull up design
- Finger proof (IP2X) terminal-with safety shutters
- Protection against nuisance tripping due to switching transients & harmonics
- Avoids “blinding” due to pulsated DC currents
- **RoHS compliant, “Green” product**
- Wide range of accessories are available

### Connection

- 25sq.mm rigid
- 16sq.mm flexible



ADH956

Sensitivity IDn	Rating In	Modules	Catalogue No.
<b>Double Pole (1P + N)</b>			
30mA	6A	2	<b>ADH956</b>
	10A	2	<b>ADH960</b>
	16A	2	<b>ADH966</b>
	20A	2	<b>ADH970</b>
	25A	2	<b>ADH975</b>
	32A	2	<b>ADH982</b>
	40A	2	<b>ADH990</b>
300mA	6A	2	<b>AFH956</b>
	10A	2	<b>AFH960</b>
	16A	2	<b>AFH966</b>
	20A	2	<b>AFH970</b>
	25A	2	<b>AFH975</b>

### Description

- Provides protection on over-load, short-circuit & earth leakage faults
- 2 pole RCBO-4 module width
- 4 pole RCBO-7.5 module width

### Technical data

- ISI Marked
- Conforms to IEC 61009
- Ratings - 6 to 63 A
- No. of poles - 2 pole and 4 pole
- Sensitivity - 30mA, 100mA & 300mA
- Tripping curve - C
- Trip Class - class AC
- Breaking capacity – 10kA

### Features & benefits:

- No of Poles: 2P, 4P
- Current Rating: 6A to 63A
- Sensitivity: 30, 100, 300mA
- Breaking Capacity: 10kA
- RCD Type: Type AC
- MCB Trip Curve: C
- Trip Indication: Blue colour on toggle
- Terminal Cover: Yes
- Accessories: Yes (on the left side)

### Connection

- 25sq.mm rigid
- 16sq.mm flexible

Sensitivity IDn	Rating In	Modules	Catalogue No.
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### Double Pole

30mA	6A	4	AD206Y
	10A	4	AD210Y
	16A	4	AD216Y
	25A	4	AD225Y
	32A	4	AD232Y
	40A	4	AD240Y
	63A	4	AD263Y
100mA	6A	4	AE206Y
	10A	4	AE210Y
	16A	4	AE216Y
	25A	4	AE225Y
	32A	4	AE232Y
	40A	4	AE240Y
	63A	4	AE263Y
300mA	16A	4	AF216Y
	25A	4	AF225Y
	32A	4	AF232Y
	40A	4	AF240Y
	63A	4	AF263Y



AD263Y

### Four Pole

30mA	16A	7.5	AD416Y
	25A	7.5	AD425Y
	32A	7.5	AD432Y
	40A	7.5	AD440Y
	63A	7.5	AD463Y
100mA	16A	7.5	AE416Y
	25A	7.5	AE425Y
	32A	7.5	AE432Y
	40A	7.5	AE440Y
	63A	7.5	AE463Y
300mA	16A	7.5	AF416Y
	25A	7.5	AF425Y
	32A	7.5	AF432Y
	40A	7.5	AF440Y
	63A	7.5	AF463Y



AD463Y

RCBO offers three in one protection against earth leakages, over-loads and short-circuits.

Technical Specifications	
Standards	IEC 60947-2, IEC 61009-1
Rated Current In	25, 40 and 63
No. of Poles	2P & 4P
Sensitivity	30, 100 & 300mA
Class	Class AC
Tripping curve	C type
Energy Limiting Class	3
Breaking capacity	10 KA
Rated Voltage	230V AC (2 pole) 415V AC (4 pole)
Rated Frequency	50Hz
Rated Residual Making and Breaking Capacity I $\Delta$ m	630A
Degree of protection	IP2X
Terminal Cover	yes
Accessories	Aux, trip, ST, OV, UV
Fault Indication	Mechanical Fault Indication* (on handle)
Ambient Temperature	-25°C to + 40°C
Storage Temperature	-55°C to + 70°C
Mounting Position	Horizontally, Vertically or Flat

\* **Earth leakage trip indicator:** blue printing on the AOB handle.

## RCD add on block - 125A (for HLF MCBs)

Technical Specifications	
Standards	IEC 60947-2, IEC 61009
Rated Current In	125A
No. of Poles	3P & 4P
Sensitivity	Fixed - 30mA, 300 mA adjustable - 300mA, 500mA, 1A
Class	Class AC & Class Hi (high immunity)
Tripping time	Fixed - instantaneous adjustable - Inst. 60msec, 150msec
Tripping curve	Depending on MCB
Energy Limiting Class	Depending on MCB
Rated Voltage	230V - 2P, 415 V - 4P
Rated Frequency	50Hz
Rated Residual Making and Breaking Capacity I $\Delta$ m	1500A
Degree of protection	IP2X
Fault Indication	Mechanical Fault Indication* (on handle)
Ambient Temperature	-25°C to + 40°C
Storage Temperature	-55°C to + 70°C
Mounting Position	Horizontally, Vertically or Flat