



# RESIDUAL CURRENT OPERATED CIRCUIT-BREAKER (RCCB)

A Complete System in Circuit Protection



# RESIDUAL CURRENT OPERATED CIRCUIT-BREAKER (RCCB)

## Product Features

- Current operated type incorporated with electromechanical function.
- Accurate sensing of leakage current ranging from 10mA to 300mA.
- Built-in filter for protection against nuisance tripping.
- Type tested by Intertek Semko AB (Sweden) in compliance to IEC 61008.
- ON / OFF Indicator & test button for routine safety check.
- RCCB available in 2 pole & 4 pole up to 63Amp rating.

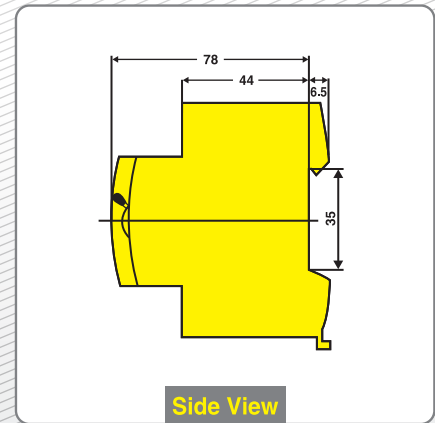
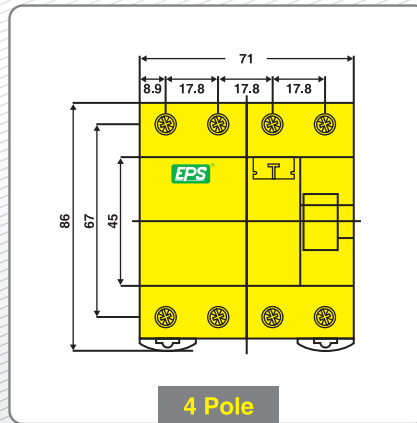
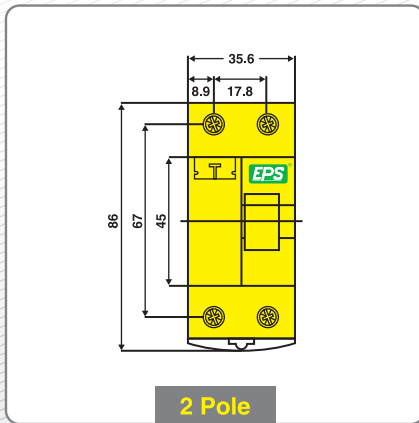


2 POLE	Model / Type Reference	Voltage	Rating (Amp)	Sensitivity (mA)
	NGPL	240V AC	16	10
	NGPL	240V AC	20	10
	NGPL	240V AC	25	10
	NGPL	240V AC	25	30
	NGPL	240V AC	40	30
	NGPL	240V AC	63	30
	NGPL	240V AC	25	100
	NGPL	240V AC	40	100
	NGPL	240V AC	63	100
	NGPL	240V AC	25	300
	NGPL	240V AC	40	300
	NGPL	240V AC	63	300

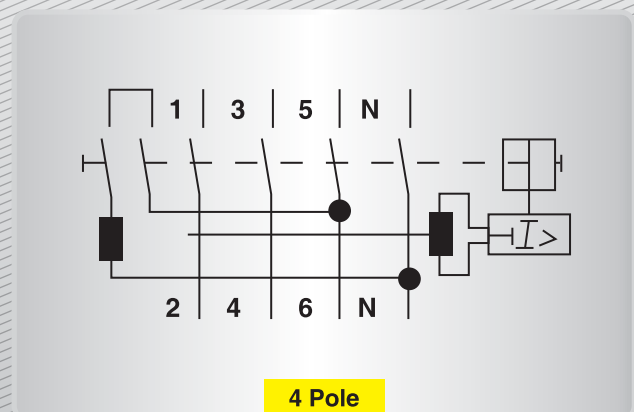
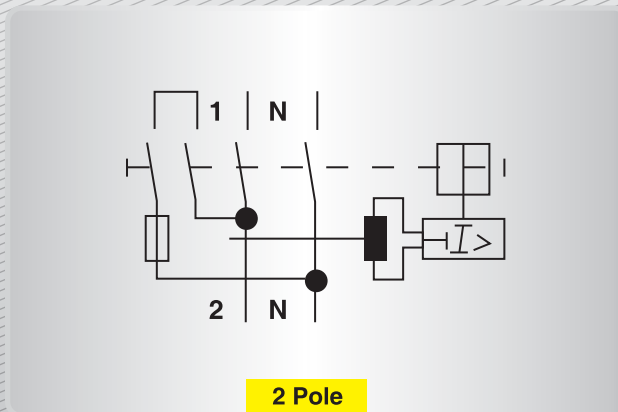


4 POLE	Model / Type Reference	Voltage	Rating (Amp)	Sensitivity (mA)
	NGPL	415V AC	25	30
	NGPL	415V AC	40	30
	NGPL	415V AC	63	30
	NGPL	415V AC	25	100
	NGPL	415V AC	40	100
	NGPL	415V AC	63	100
	NGPL	415V AC	25	300
	NGPL	415V AC	40	300
	NGPL	415V AC	63	300

## DIMENSIONS



## CIRCUIT DIAGRAM



## TECHNICAL DATA & SPECIFICATION

<b>Rated Current (In)</b>	16A, 25A, 40A, 63A
<b>Fault Current Sensitivity (I<math>\Delta</math>n)</b>	10 ~ 300mA
<b>Rated Non-operating Current for earth leakage (I<math>\Delta</math>no)</b>	0.51 $\Delta$ n
<b>Normal Voltage (Un)</b>	240 / 415V AC
<b>Number of Poles</b>	2-pole, 4-pole
<b>Tripping Time</b>	1 x I $\Delta$ n : t < 0.2s 5 x I $\Delta$ n : t < 0.04s
<b>Frequency</b>	50 / 60Hz (other frequencies on request)

Dealer:

**UTAMA** (416650-H)

**SWITCHGEAR SDN BHD**

No.3, Jalan USJ 19/4A, USJ 19  
47630 Subang Jaya, Selangor Darul Ehsan, Malaysia.  
**TEL** : 603-8024 1215, 8024 1216 **FAX** : 603-8024 1796  
**email** : utamasb@ussbeps.com