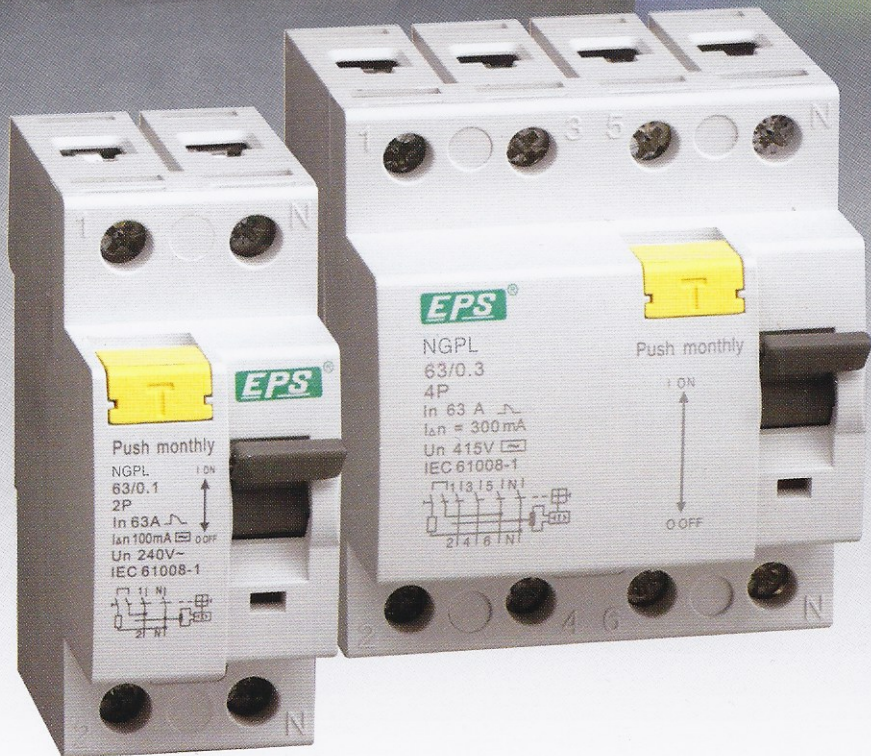




# RESIDUAL CURRENT OPERATED CIRCUIT-BREAKER (RCCB)

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 30mA 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

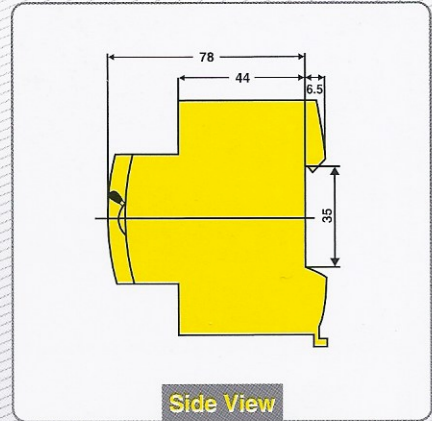
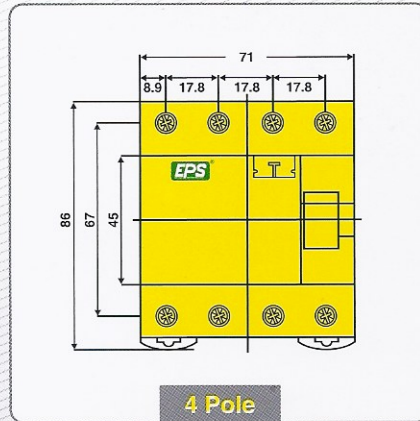
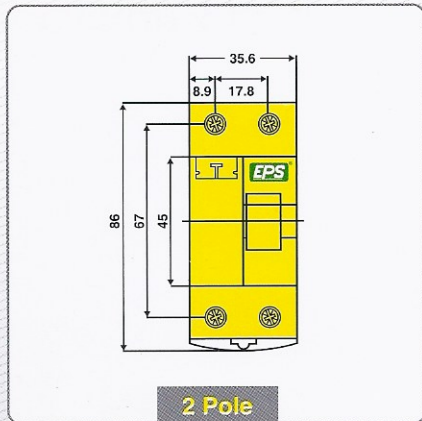
Model / Type Reference	Voltage	Rating (Amp)	Sensitivity (mA)
NGPL	240V AC	25	30
NGPL	240V AC	40	30
NGPL	240V AC	63	30
NGPL	240V AC	25	100
NGPL	240V AC	40	100
NGPL	240V AC	63	100
NGPL	240V AC	25	300
NGPL	240V AC	40	300
NGPL	240V AC	63	300



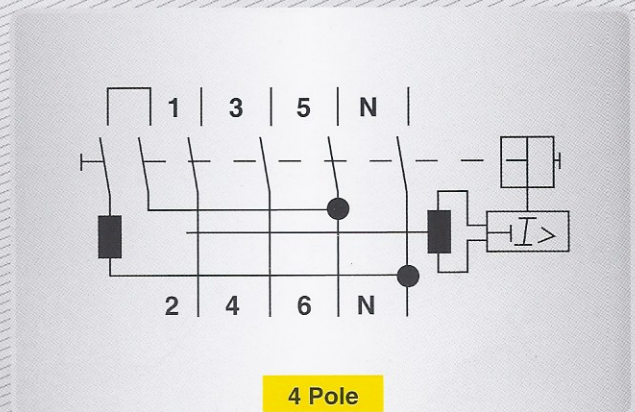
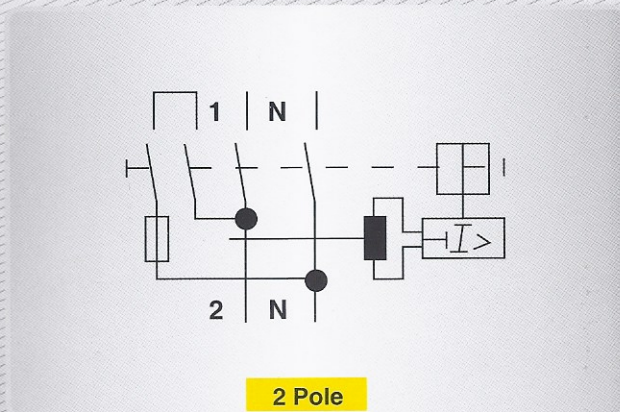
### 4 POLE

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

Rated Current ( $I_n$ )	25A, 40A, 63A
Fault Current Sensitivity ( $I_{\Delta n}$ )	30 ~ 300mA
Rated Non-operating Current for earth leakage ( $I_{\Delta no}$ )	0.51 $\Delta n$
Normal Voltage ( $U_n$ )	240 / 415V AC
Number of Poles	2-pole, 4-pole
Tripping Time	1 x $I_{\Delta n}$ : $t < 0.2s$ 5 x $I_{\Delta n}$ : $t < 0.04s$
Frequency	50 / 60Hz (other frequencies on request)