



Changeover Switch

MCB Changeover switch finds wide & varied application in industries as well as in domestic sphere for use in low voltage distribution circuits, wherever continuity of supply is necessary, for switching to an alternate source of supply from main supply and vice-versa.

They are switch disconnectors with independent manual operation, capable of making, carrying and breaking currents under normal circuit conditions, which may include operating overload condition and also carry currents under specified abnormal circuit conditions such as those of short circuit for a specified time.

Range
25A & 40A

Execution
Double Pole (2P)
Four Pole (4P)

Specification
IS 13947-3 / IEC 60947 - 3

Features

- Compact construction
- Double break contacts
- Silver Cadmium Oxide contact tips
- Shrouded terminals
- Front operation with three stable positions I-O-II
- Centre position off
- Easy snap on DIN Rail mounting
- Can be mounted with other products viz. MCB, ELCB, Isolator in Distribution Board



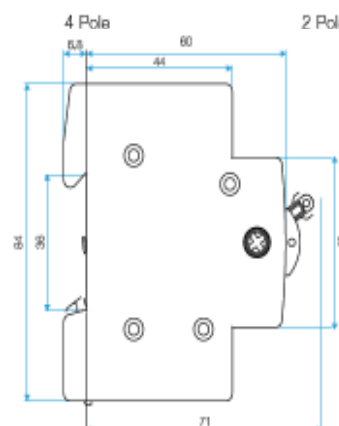
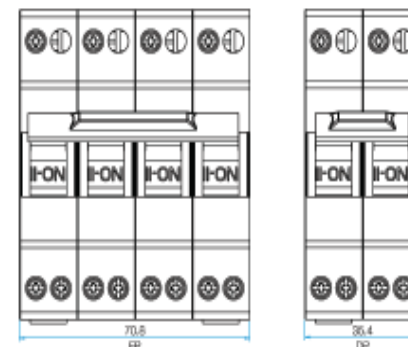
CONSTRUCTION

The entire switching mechanism along with the fixed and moving contact assembly are housed in FR thermo plastic moulded case / cover, having high dielectric strength, excellent mechanical & thermal properties.

The switching mechanism is double break type. The contacts tips are made of Silver Cadmium oxide for long electrical life, sustained current carrying capacity and ensure temperature rise is within specified limits.

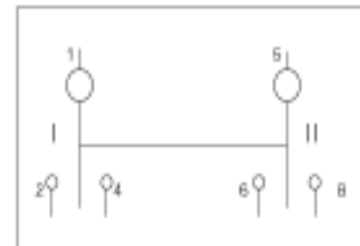
TECHNICAL INFORMATION

Standard Conformity	:	IS 13947-3 / IEC 60947-3
No. of Poles (Execution)	:	2 Pole, 4 Pole
Rated Current (In) A	:	25, 40
Rated Voltage (Ue) V	:	240 ac / 415 ac
Rated Frequency Hz	:	50
Rated Insulation voltage V	:	660
Dielectric Strength kV	:	2.5
Rated impulse voltage kV	:	4
Utilization Category	:	AC 21A
Ambient Temp. °C	:	-5 to +55
Mechanical life	:	10000 operations
Electrical life	:	10000 operations
Mounting	:	Clip on DIN Rail (35mm x 7.5) mm
Mounting Position	:	Vertical / Horizontal
Terminal Capacity mm ²	:	10
Weight Double Pole gms	:	134
Four Pole gms	:	268



CONNECTION DIAGRAMS / TERMINAL MARKING

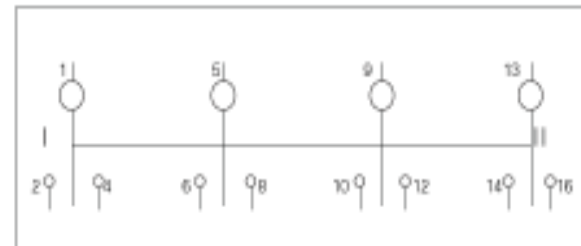
TWO POLE



I* - Incoming terminals (main supply) - 2 & 6
 II* - Incoming terminals (standby supply) - 4 & 8
 Outgoing terminals (to load) - 1 & 5

* Mid position of knob is 'OFF' position

FOUR POLE



I* - Incoming terminals (main supply) - 2, 6, 10 & 14
 II* - Incoming terminals (standby supply) - 4, 8, 12 & 16
 Outgoing terminals (to load) - 1, 5, 9 & 13

* Mid position of knob is 'OFF' position

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