

On Load Switch Disconnectors

(Load Break Switches)

CRYSTAL On Load Switch Disconnectors (Load break switches) are manually operated Four pole switches with compact design for application in low voltage distribution circuits and motor circuits. The switches are compact and suitable for AC 23A duty.

ALL CO-SERIES Switches are capable of making, carrying & breaking currents under normal circuit conditions, which may include operating under overload conditions and also carrying currents under specified abnormal circuit conditions, such as short circuit for a specified time.



RANGE & FRAME SIZE

Current range **40 A to 3150 A** in nine frame sizes in Four Pole in Open Execution & Thick Sheet Steel Enclosure

Size 1	40 A , 63 A
Size 2	80 A , 100 A
Size 3	125 A
Size 4	160 A , 200 A
Size 5	250 A , 320 A
Size 6	400 A , 630 A
Size 7	800 A
Size 8	1000 A , 1250 A , 1600 A
Size 9	2000 A , 2500 A , 3150 A

SALIENT FEATURES

- While breaking the circuit, guaranteed sufficient air sectioning clearance Utilization category- AC 23A.
- Strong endurance and resistance to heat (Tropicalised).
- Flag indicator for two stable positions & possible switching on or off, on load, thereby fulfilling the roll of switching device.
- All current carrying parts are of special grade E.T.P. Copper and with silver plated.
- Knife type contact system with self wipe feature allows cleaning of contact during each operation, calling for lesser maintenance and longer life.

SPECIFICATIONS

Built to high performance specifications with high quality materials and meticulous quality process with assured best operation on the following parameters

Rated Operational Voltage (V)	415
Rated Insulation Voltage (Ui)	1000 V
Rated Frequency	50/60 Hz
Utilization Category	AC 23 A
Rated impulse withstand Voltage(Uimp)	10 kV

CONFORMS TO STANDARDS

IEC 60947-3

APPLICATIONS

- * Power Distribution
- * Manufacturing Process
- * Industrial Building
- * Residential Building
- * Commercial Building
- * Healthcare
- * Internet Data Centers
- * HVAC
- * Tele Communications