

On Load Changeover Switches

CRYSTAL range of CO-SERIES compact version On-Load Changeover switches are manually front operated four pole switches with very compact design which helps to save the space in panel boards resulting in low costing of panel boards. These comprises of two On Load Switch Disconnectors, which are coupled together and are mechanically interlocked with common outgoing.

These are used in low voltage distribution circuits and motor circuits and at places where continuity of supply is necessary for switching from main supply to an alternate source of supply and vice versa. 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 three stable positions (1-0-2) & 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.

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