

# MOTOR CONTROL SWITCHES

For Directly Switching On Reversing, Star-Delta, 2-Speed, 2-Speed Reversing, Inching of MOTORS of 1, 3, 5, 7.5, 10, 12.5 & 15 H.P. & Switching On of Motor of 18, 22, 30, 37 & 45KW





Plastic Moulded Enclosure Fitted with Engraved Skirt Indexable Ball Handle For 1, 3 & 5 H.P.

BASE MOUNTING THRO'

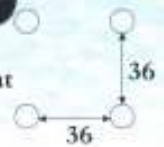
Four M4 Holes at following CRS



Sheet Steel Enclosure Fitted with Ball Handle For 1, 3 & 5 H. P.

BASE MOUNTING THRO'

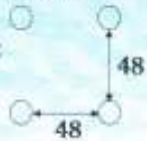
Four M4 Holes at following CRS



Plastic Moulded Enclosure Fitted With Engraved Skirt & Indexable Ball Handle For 3, 5 & 7.5 H.P.

BASE MOUNTING THRO'

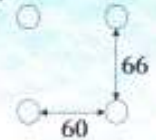
Four M4 Holes at following CRS



Sheet Steel Enclosure Fitted With Engraved Skirt & Indexable Ball Handle For 3, 5 & 7.5 H.P.

BASE MOUNTING THRO'

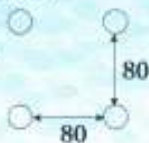
Four M4 Holes at following CRS



10 - 12.5 - 15 H.P. Motor Control Switch in Plastic Moulded Enclosure

BASE MOUNTING THRO'

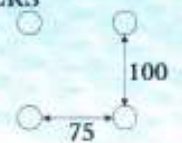
Four M4 Holes at following CRS



10 - 12.5 - 15 H.P. Motor Control Switch in Sheet Steel Enclosure

BASE MOUNTING THRO'

Four M4 Holes at following CRS



**SHEET STEEL ENCLOSURE**

115 x 115mm for 18, 22, 30, 38 & 45 kw

BASE MOUNTING THRO'

Four M6 Holes at following CRS







**MOTOR CONTROL SWITCHES WITH DIFFERENT ATTACHMENTS & EXECUTIONS**  
 SUITABLE FOR 10, 16, 20, 25, 32, 40, 50A. & 63, 80, 100, 125, 150 A.  
 1 3 5 7.5 10 12.5 15 H.P. & 18 22 28 37 45 KW MOTORS



3-4 Pole Off On Switch Fitted with Padlocking Yellow Cup & Red Knob  
 Four M4 Holes at 48mm CRS  
 16, 20 & 25A  
 3, 5 & 7.5 H.P.



3 - 4pole OFF-ON Switch fitted with Pad Locking Yellow Cup & Red Toggle Knob Built up with Safety Finger Proof Packets  
 32, 40 & 50A  
 10, 12.5 & 15 H.P.



Tee Type Centre Key Lock Switch Mounted On M 36Ø Hole  
 25, 32 & 40A  
 7.5, 10 & 12.5 H.P.



Lever Type Centre Key Lock Switch Mounted On M 36Ø Hole  
 25, 32 & 40A  
 7.5, 10 & 12.5 H.P.

Base Mounting 3/4 Pole Off-On with Door Interlocking lever Handle removable in off position.  
 63 & 80A  
 22 & 30 KW



**Motor Duty Switches to Utilisation Category AC - 23 A, AC - 3 & AC - 4**



X Mounting 3 pole reversing with off fitted with engraved skirt & indexable seimens type ball handle  
 63 & 80A  
 22 & 30 KW

Door Interlocking Removable In Off Position Base Mounting 4 Holes Of M4 Ø At 64 CRS.  
 25, 32 & 40A  
 7.5, 10 & 12.5 H.P.



Door Interlocking with Lever Type Centre Key Lock Removable In Off Position Base Mounting 4 Holes at 64 CRS.  
 10A, 16A & 20A  
 1, 3 & 5 H.P.

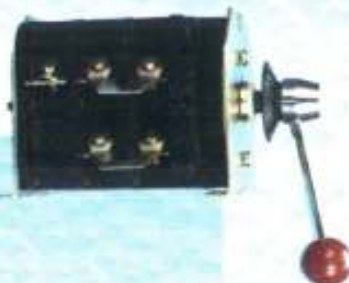


Key Operated Switch Mounted on M 22.5Ø Hole  
 6, 10, 16 & 20A  
 1, 2, 3 & 5 H.P.



X - Mounting (Seimens Type) with Engraved Skirt & Indexable Wing Knob  
 25, 32 & 40A  
 7.5, 10 & 12.5 H.P.

3 pole forward rev. switch seimens type X Mounting fitted with chrome plated Ball Handle & Engraved Skirt  
 100, 125 & 150A  
 30, 37 & 45 KW



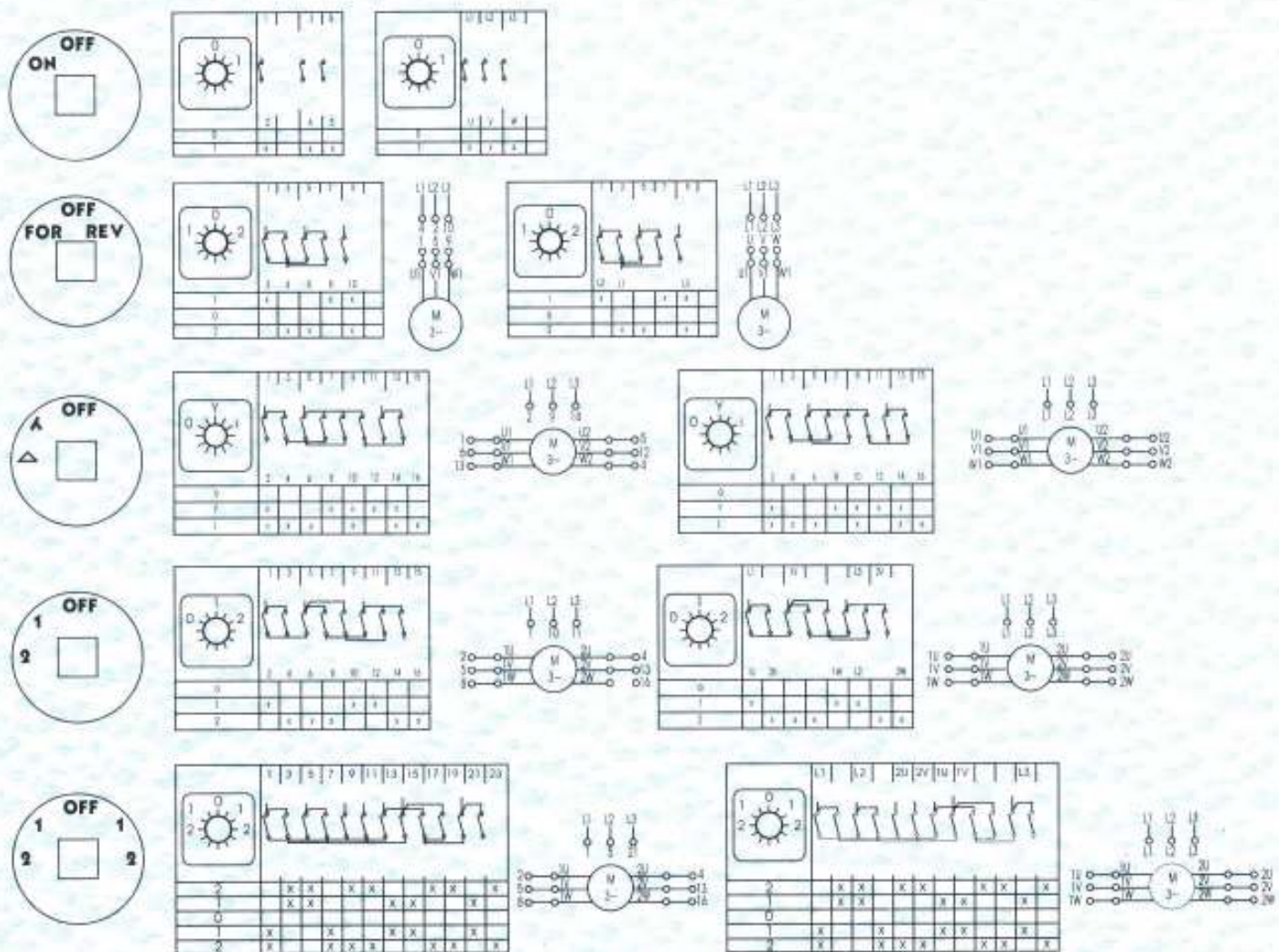
3 pole Off-On Switch with Yellow Recessed Cup & Red Toggle Knob for Pad locking  
 100, 125 & 150A  
 30, 37, & 45 KW



## DESCRIPTION OF RECOM MOTOR CONTROL SWITCHES

RECOM Motor Control Switches are of Cam Operated Double Break contacts and are suitable to directly start, reverse, star-delta, 2 speed operations of 3-Phase Motors and are available in 10 A(1 H.P.), 16A(3 H.P.), 20 A(5 H.P.), 25A(7.5 H.P.), 32A(10 H.P.), 40 A(12.5 H.P.) And 50A(15 H.P.) Rating. These are available in TWO types of Enclosures viz. Sheet Steel and Engineering Thermo Plastic moulded, fitted with suitable white engraved legends on black skirt and indexable Ball Handle. Switches of higher rating viz. 63A, 80A, 100A and 125A are suitable for MOTOR DUTY conforming to AC-23A utilization category to switch-on Motors of 22 KW(63A), 30KW(80A), 37KW(100A) and 45KW(125A) respectively. These conform to ISS:13947 Pt. 3 & 5, utilization category AC-23A & AC-3 to directly Switch-on and to AC-4 utilization category to reverse, inching, star-delta starting and 2-speed Dahlander wound motors and 2-speed reversing with off and have been Tested and Certified at the Short Circuit Testing Laboratory of C.P.R.I., Bangalore. Switches have very long Electrical life of over 1 lakh operations. The plastic moulded enclosures are weather and dust-proof due to provision of neoprene rubber "O" ring sealing between the housing and cover and on the metal shaft projecting out of the housing. For sheet steel enclosure, neoprene rubber grooved gasket is to be provided

## CIRCUIT DIAGRAMS OF MOTOR CONTROL SWITCHES WITH SKIRT ENGRAVING



RELIABLE ELECTRONIC COMP. PVT. LTD.

Representatives, Dealers & Stockists  
located at principal cities of India.  
Details of their Name, Address,  
Telephone nos., etc., available on request.