

32, 40, 50 AMPS CAM OPERATED L.T. SWITCHES

TESTED &
CERTIFIED BY
SHORT CIRCUIT
TESTING LAB.
OF C.P.R.I.

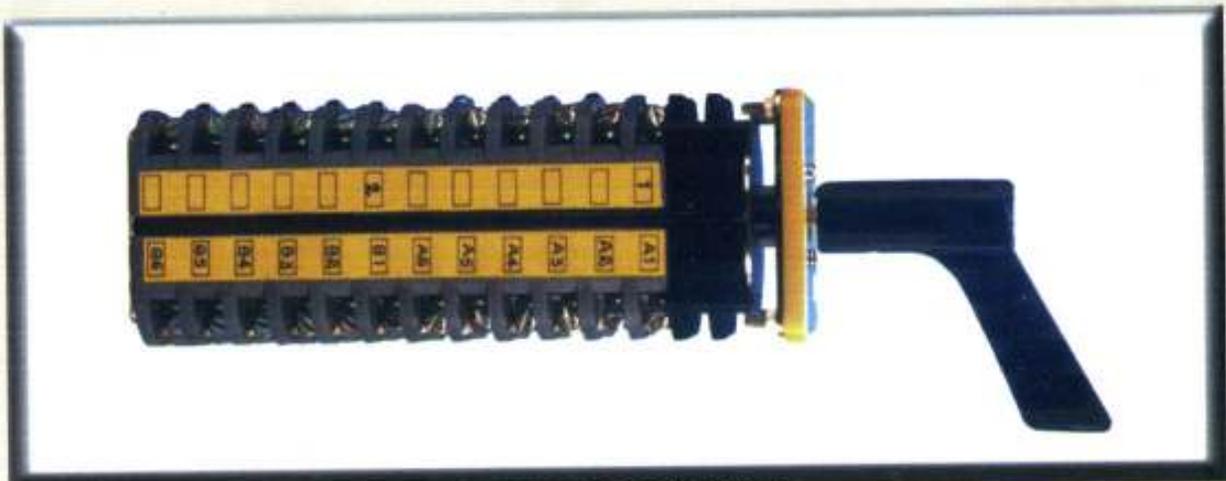
CONFORMS TO IS 13947
(PART 3) : 1993
IEC PUB 947 - 3 (1990)
(SUPERSEDING IS 4064
(PART 1 & 2))



**SAFETY FINGER PROOF
FEATURE PACKETS**



**PAD LOCKING
YELLOW CUP &
RED TOGGLE KNOB
H-TERMINATION**



**TERMINAL ACCESSIBILITY
FROM THE TOP**

TECHNICAL SPECIFICATIONS :

1) AC1/AC21 Rating	= 32A	40A	50A
2) 1th Thermal Rating	= 40A	50A	63A
3) Operational Voltage	= 660V	660V	660V
4) Service Category AC23	= 11kw	16.5KW	22KW
5) Service Category AC3	= 11kw	15KW	18.5KW
6) Service Category AC11			
at 110V	= 16A	18A	20A
at 220V	= 12A	14A	16A
7) For Inching/Reversing AC4 3 ph. Induction Motors	= 10 H.P.	12.5 H.P.	15 H.P.
8) Terminal Size	= M4 x 10lg.	M4 x 10lg.	M5 x 10lg.
9) Escutcheon Size in mm	= 64 x 64	72 x 72	72 x 72
10) Mounting	= Thro ' M4 screws at 48mm CRS		
11) Packet Size in mm	= 54 x 54 x 12.5	57 X 72 x 13	60 x 58 x 15
12) Maximum number of packets	= 12	12	12
13) Life Expectancy			
a) Electrical at Rated Current	= Over 50,000 operations		
b) Mechanical at No Load	= Over One Million		
14) Indexing	= 90° , 60° , 45° and 30°		

OPTIONAL ATTACHMENTS, EXECUTIONS, ACCESSORIES ETC. :

- 1) Available in plastic moulded or sheet steel enclosures fitted with ball handle for motor control application
- 2) Base mounting with door interlocking attachment.
- 3) spring Return in one or both sides of OFF position for momentary contacts and inching operation. Also with combination of Stayput and momentary contacts.
- 4) Recessed yellow cup with red knob combination for padlocking.
- 5) Centre keylock assembly with key removable in any position for un-authorized operation
- 6) Dimensional drawings available on request.

STANDARD SWITCHING SEQUENCES :

Single, Two, Three and Four Pole Switches of

Switching sequences like OFF/ON, changeover no off and with off, 3 way with no off and with off, 4 way no off and with off, Five way no off and with off, 6 way no off and with off, 7- way no off and with off, 8- way no off and with off, 9 and 10 way without and with off, 11 - way without and with off and 12 way no off are standard. Multipole switches are possible upto the limit of twelve packets build-up. Switches are available in 90° , 60° , 45° and 30° indexing.


**FITTED WITH WING TYPE
LOCK ASSEMBLY**

**BREAKER CONTROL SWITCH
WITH LEVER TYPE LOCK ASSEMBLY
& SEQUENCE LOCKING
& LOST MOTION CONTACTS**

**10 - 12.5 - 15 H.P.
MOTOR CONTROL SWITCH
IN SHEET STEEL
ENCLOSURE**

**10 - 12.5 - 15 H.P.
MOTOR CONTROL SWITCH
IN PLASTIC MOULDED
ENCLOSURE**

SAFETY FINGER PROOF PACKETS

**3 - 4POLE OFF - ON SWITCH
FITTED WITH PAD LOCKING
YELLOW CUP & RED TOGGLE KNOB**

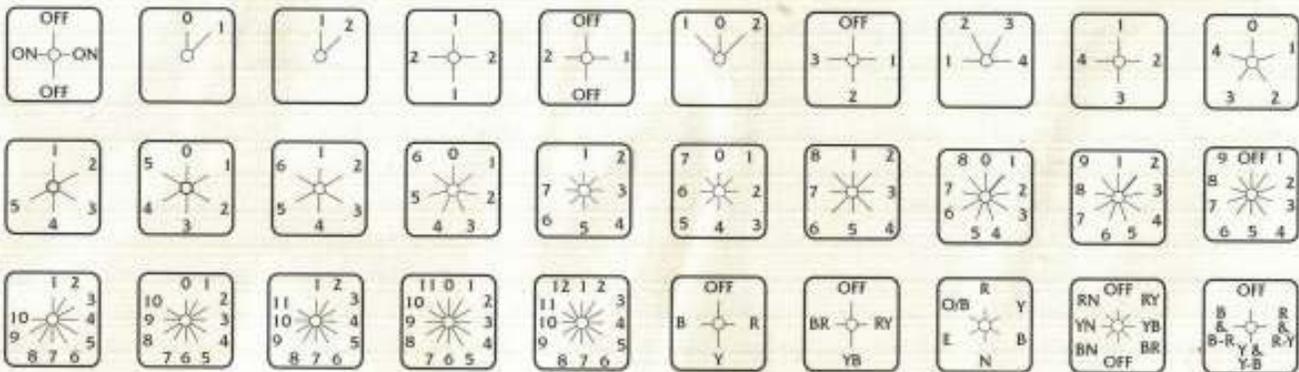
**X - MOUNTING (SEIMENS TYPE)
WITH ENGRAVED SKIRT &
INDEXABLE WING KNOB**

**TERMINAL ACCESSIBILITY
FROM THE TOP**

**ENGRAVED SKIRT & INDEXABLE
BALL HANDLE
X - MOUNTING (SEIMENS TYPE)
2 SPEED - REVERSING SWITCH**

**BASE MOUNTING 3 - 4 POLE OFF/ON
DOOR INTERLOCK WITH
LEVER TYPE HANDLE**

STANDARD INDICATING PLATES SIZE 72 X 72mm SUPPLIED WITH THE SWITCHES :



CIRCUIT DIAGRAMS OF MOTOR CONTROL SWITCHES WITH SKIRT ENGRAVING

