



16 AMP. CAM OPERATED CONTROL SWITCH

CONFORMS TO
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(PART 5 / SEC 1) 1993
IEC PUB 947 - 5 - 1
(1990)
(SUPERSEDING
IS 6875 PT 1 & 3)

H- OPEN
TERMINATION



SAFETY FINGER
PROOF PACKETS



3 PAIR OF CONTACTS PER PACKET

TECHNICAL SPECIFICATIONS :

- | | |
|--|---------------------------------------|
| 1) 1th Thermal Rating | = 20A |
| 2) Operational Voltage | = 600V |
| 3) AC1/AC 21 Rating | = 16A |
| 4) AC 23 | = 5kw |
| 5) AC 3 | = 3kw |
| 6) AC 11 | = S. P. at 220V-6A, 3 Pole at 440V-4A |
| 7) AC 4-for Inching/Reversing
of 3 ph. Induction Motors | = 3H.P. |
| 8) Terminal Size | = M 3.5 x 8mm 1g. |
| 9) Escutcheon Size | = 48 x 48mm |
| 10) Mounting | = Thro ' M3.5 screws at 36mm CRS |
| 11) Packet Size | = 38 x 42 x 9.5mm thick |
| 12) Maximum number of packets | = Twelve |
| 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° |

These switches will find wide application like in lighting, motor control, instrument selection, heating, air conditioning, switchgears, circuit breakers, auxilliary switching, D. C. breaking, machine tools, programme control, voltage stabilizers, inverter, converter, D. C. power plants, appliances like vacuum cleaners, washing and laundry machines, refrigeration equipments etc.

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 Key lock assembly with key removable in any position for unauthorised operation.
- 6) Dimensional drawings available on request.

ADDITIONAL FEATURES MOUNTING, COLOUR & FINISH

As a standard 48 x 48mm Black Nylon moulded Escutcheon fitted with Silver white anodised aluminium plate printed with Black legends and Black Toggle knob are supplied. Yellow Escutcheon printed with Black letters and Red knob is available as optional. Any other colour finish for knob, Escutcheon, Lettering etc too are available on request. 6. 35mm wide push-on tabs are available fixed on to the terminals, for quick connection at extra cost. Mounting of the switch too can be varied as per customers requirement.

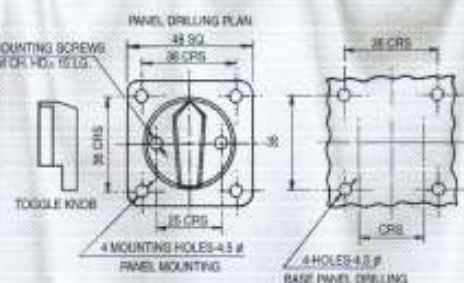


**DOOR INTERLOCKING
REMOVABLE IN OFF
POSITION**



3-4 POLE OFF ON SWITCH FITTED WITH PADLOCKING YELLOW CUP & RED KNOB

Four M4 Holes
at
48mm CRS



**LONG PACKET BUILD UP SWITCH
WITH DOUBLE MECHANISM & SAFETY
FINGER PROOF PACKETS**

MOTOR CONTROL SUITABLE UPTO 3 H. P.



Four M4 Holes at
36mm CRS

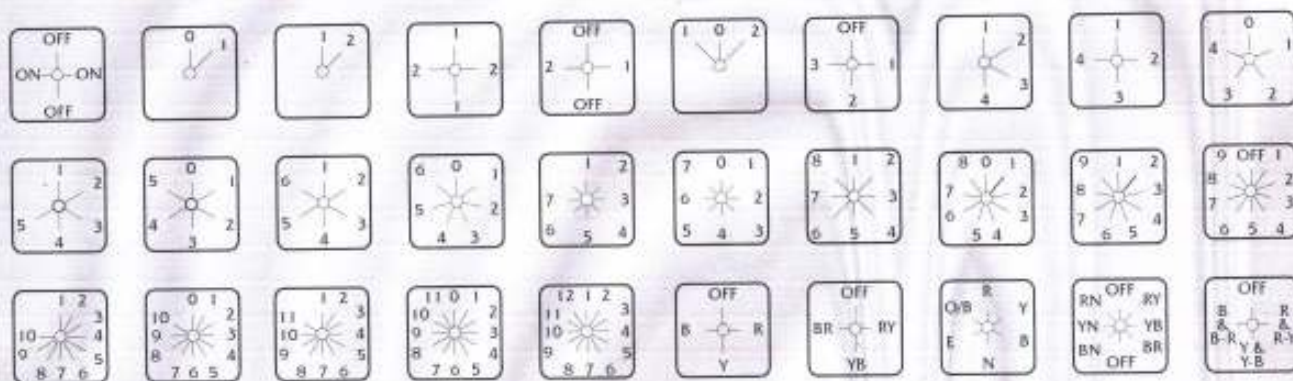
**OFF - ON
REVERSING
2 SPEED
STAR - DELTA
2 SPEED REVERSING**



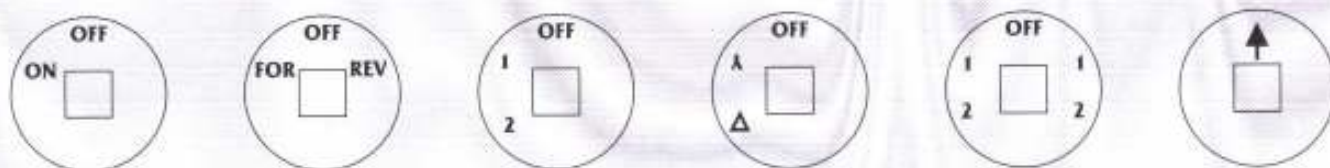
Four M4 Holes at
36mm CRS

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.

B- STANDARD INDICATING PLATES SIZE 48 X 48mm SUPPLIED WITH THE SWITCHES :



C - STANDARD SKIRT ENGRAVING FOR MOTOR CONTROL SWITCHES BALL HANDLE



STANDARD INSTRUMENT SELECTOR SWITCH DIAGRAMS

