



TECHNICAL SPECIFICATIONS:	63A SWITCH	80A SWITCH
1) 1 th Thermal Rating	= 80A	100A
2) Operational Voltage	= 660V	660V
3) AC-1/AC-21A Rating	= 63A	80A
4) AC-23A (3 phase at 440V.)	= 22KW	30KW
5) AC-3	= 18.5KW	22KW
6) AC-11	100	
at 220V Single Phase	= 16A	20A
at 440V Three Phase	= 12A	16A
7) Terminal Size	= M6 x 12mm	M6 x 12mm
8) Escuetion Size	= 88 x 88mm	88 x 88mm
9) Mounting	= Thro 4 nos. M6 screws	at 68mm CRS.
10) Packets Size	= 80mm ø x 22mm	
11) Maximum number of Packets	= 12	12
12) Life Expectancy		
 a) Electrical over 50,000 operations 		
b) Mechanical over 1 Million.	W-0702 - 2002 - 1782 - 12 - 1002	
13) Indexing	= 90°, 60°, 45°, & 30°.	

OPTIONAL ATTACHMENTS, EXECUETIONS, ACCESSORIES ETC. :

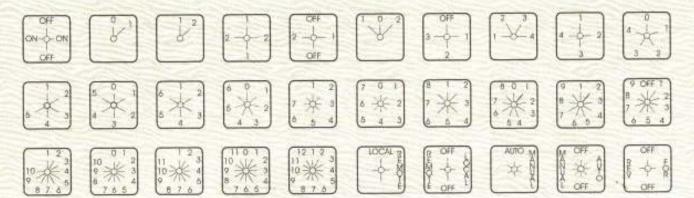
- Available in sheet steel enclosures fitted with indexable ball handle and engraved skirt for motor control application.
- 2) Base mounting with door interlocking attachment., lever handle or Lock assembly
- spring Return in one or both sides of OFF position for momentary contacts and inching operation. 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-authorised operation
- 6) Dimensional drawings available on request.

STANDARD SWITCHING SEQUENCES:

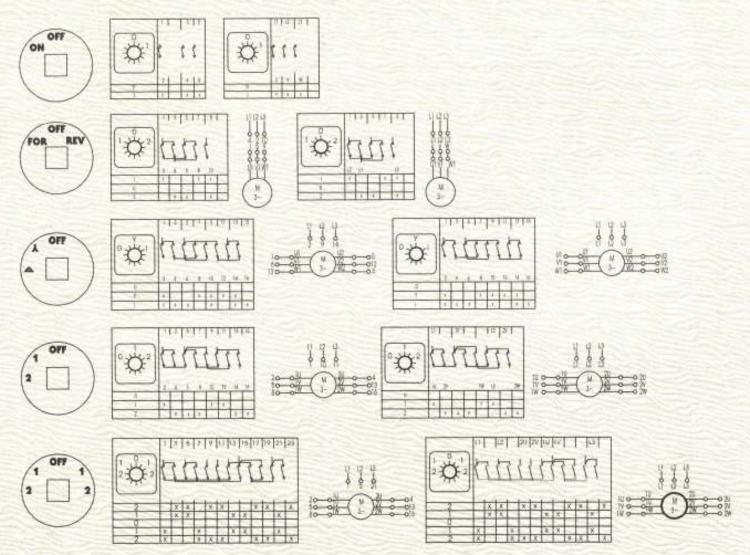
Single, Two, Three and Four Pole Switches of Switching sequences like OFF/ON, changeover no off and with off, 3 way no off and with off, 4 way no off and with off, Five way no off and with off, 6 way no off and with off 7- way no off and with off, 8- way no off and with off, 9 and 10 way without and 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.



STANDARD INDICATING PLATES SIZE 88 X 88mm SUPPLIED WITH THE SWITCHES:



CIRCUIT DIAGRAMS OF MOTOR CONTROL SWITCHES WITH SKIRT ENGRAVING





63/80 AMP. CAM OPERATED L. T. SWITCHES WITH DIFFERENT EXECUTIONS AND MOUNTING DETAILS



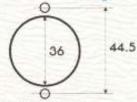
PANEL MOUNTING
3-POLE OFF-ON
SWITCH FITTED WITH
88 x 88MM ESCUETION 6
TOGGLE KNOB MOUNTING
THRO' 4 M6 SCREWS AT
68 CRS.



PANEL MOUNTING LONG DISK BUILD UP SWITCH OF MAX. 12 PACKETS



SEIMENS TYPE X - MOUNTING WITH ROUND SHAFT FOR DETACHABLE HANDLE

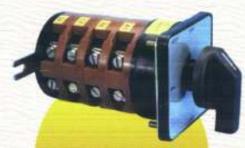


2 HOLES M4 Ø

FITTED WITH WING TYPE KNOB LOCK ASSEMBLY KEY REMOVABLE IN ANY OF THE POSITIONS SWITCH MOUNTING THRO' 4 SCREWS OF M6 AT 68 CRS



FITTED WITH
LEVER TYPE
HANDLE LOCK
ASSEMBLY KEY
REMOVABLE
IN ANY OF
THE POSITIONS
SWITCH MOUNTING
THRO' 4 SCREWS
OF M6 AT 68 CRS



BASE MOUNTING SWITCH WITH MOUNTING SLOTS AT 95MM CRS FOR M6 SCREWS



X MOUNTING 3 POLE REVERSING WITH OFF FITTED WITH ENGRAVED SKIRT G INDEXABLE SEIMENS TYPE BALL HANDLE



FITTED IN
SHEET STEEL
ENCLOSURE
OPERATED THRO
SEIMENS TYPE
INDEXABLE BALL
HANDLE G
ENGRAVED
SKIRT

BASE MOUNTING THRO'
4 M6 SCREWS AT
82X122MM GRS