

MANUAL CHANGEOVER SWITCH (MCO)

Three Phase MCO - ABB Switchgear

MAINS
TO
STANDBY



OVERVIEW

- ABB Changeover Switch to BS EN 60947-3
- 3 phase 4 pole switch
- 400 / 415 Vac operation
- Rated for AC22A
- Simple I-O-II -operation where the handle is padlockable in O-position and door interlock available in the I- and II-positions (and when padlocked).
- 3 Position switch I - OFF - II
- Open transition switching
- Auxiliary contact accessories available
- Robust Mild steel enclosure
- IP65*
- Top & bottom gland plates

* For out door use a rain hood can be supplied



DESCRIPTION & FUNCTION

The Blandon Power range of manual change over switches are housed in a mild steel enclosure with an external three position handle sealed to IP 65.

The manual change over panel consists of a single ABB switch with 4 pole switching. The fourth neutral pole is fully rated to the panel rating.

The panel can be either used to switch two independent supplies to a single load or a single power source to two separate loads.

Housed in a robust mild steel enclosure rated to IP65. Supplied with loose gland plate, and door key. Enclosure specification to EN 62208, RAL7035, EN 60529, IK10, EN 61439-1-2. Cable entry can be either top or bottom with a direct connection on to the ABB change over switch

Assembled in the UK by Blandon Systems using parts conforming to EN60529, EN60947. Provided with a 12-month warranty

Accessories

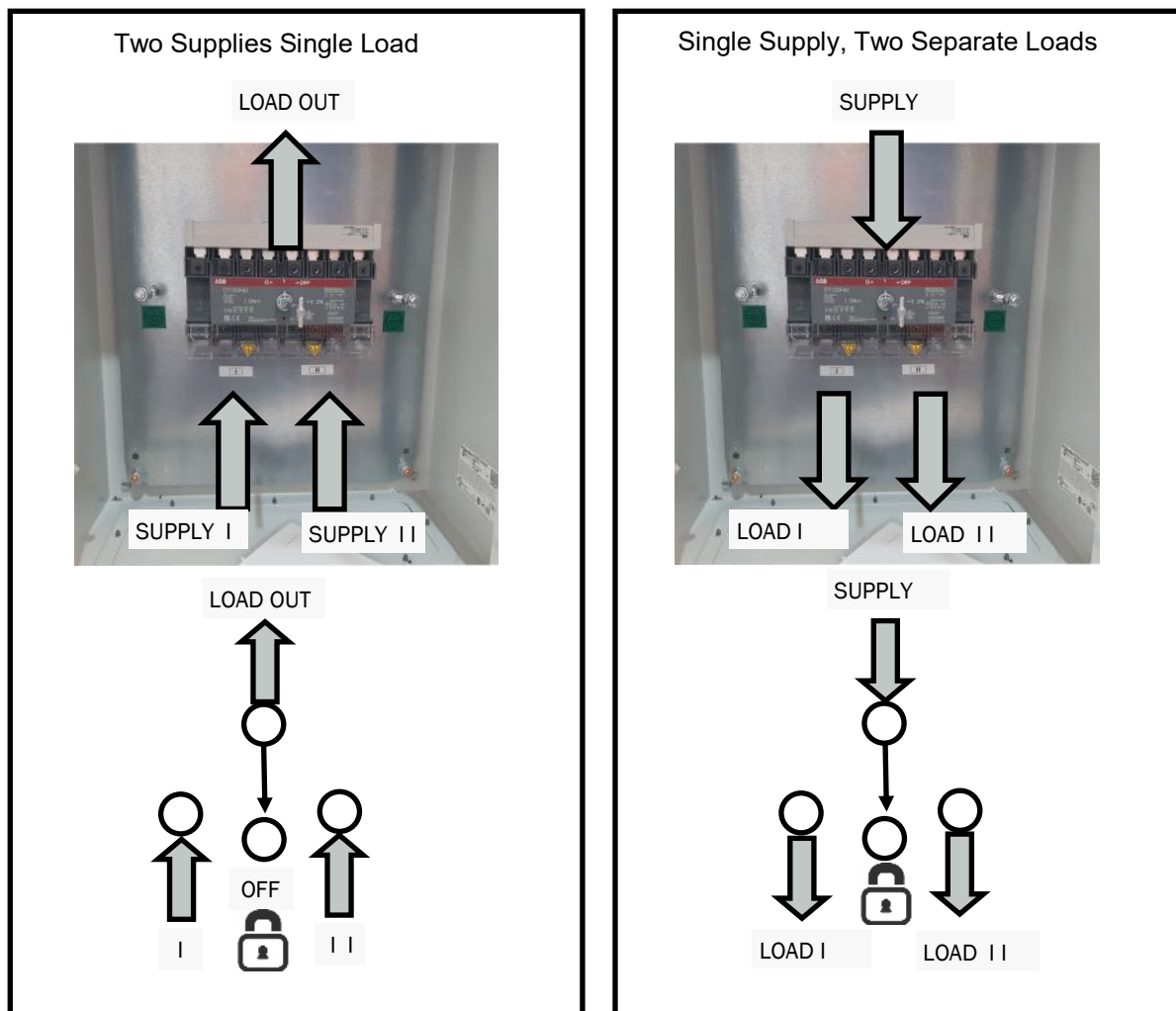
Appliance inlets and outlets



Power Locks



TYPICAL LAYOUT APPLICATIONS



MCO

PART CODES

Amps (AC22A) 400V	Amps (AC23A) 400V	Part Code	Enclosure Size			
			Height (mm)	Width (mm)	Depth (mm)	Terminal
40A	23A	PAN-MC04-40-ABB	400	300	200	Cage clamp
63A	45A	PAN-MC04-63-ABB	400	300	200	Cage clamp
100A	80A	PAN-MC04-100-ABB	500	400	200	Cage clamp
125A	90A	PAN-MC04-125-ABB	500	400	200	Cage clamp
160A	160A	PAN-MC04-160-ABB	500	400	250	M8
200A	200A	PAN-MC04-200-ABB	600	400	250	M8
250A	250A	PAN-MC04-250-ABB	800	600	250	M8
315A	315A	PAN-MC04-315-ABB	800	600	300	M10
400A	400A	PAN-MC04-400-ABB	1000	800	300	M10