



# Enclosed ATS Bypass Switches I-0-11

Our Blades Power Generation Bypass Life Safety ATS panels, single line and dual line Have been designed to be fitted under our Standard ATS switches these bypass switches combine with the ATS to provide an integrated system. This solution offers isolation in bypass mode with complete separation allowing safe working during set-up, or maintenance. Without loss of supply. Each ATS System is a four-pole ABB OTM Motorised changeover device. The ATS utilizes an electromechanical interlocked 4 pole changeover Switch and provides all the essential requirements for automatically switching to an alternative power source.

- For life safety ATS installations to BS8519:2010
- Compliant to BS60947-6
- Break-Before-Make operation
- Door interlocked pad lockable handles
- Fully load rated AC23A 415-690V
- Ingress protection IP55

### **Motorised Standard Operation**

Switch default to Primary Supply When Available P1 – Indication **Primary Available**

When Primary Supply is available The TD1 Timer Will Time for 10s (Adjustable)

Then charge to P1 Indication **Primary On Load**

On Primary Failure This Will Close R1 Relay and call generator to start

If Supplied for MAINS to MAINS Operation, will See Supply & Charge to P0 Position

When Secondary Supply is available – Indication **Secondary Available**

The TD2 Timer Will Time for 20s (Adjustable) Then charge to P11 Indication **Secondary On Load**

### **Motorised Bypass Operation Single Line Also Available With Dual line Bypass**

On the manual switch labelled P1 - Primary – P2 - Secondary Switch From P1- or P2-Supply ( Dual Line )

On the manual switch labelled Bypass Switch From P1- Auto to P2-Bypass

This will then put the Primary- Secondary supply direct to the DP board

You can now Switch the 2 Position isolator to off & Work on the ATS Panel.

### **Standard LED Indication**

Primary / Secondary Available (**GREEN**), Primary – Secondary On Load (**RED**)  
ATS In Bypass ( **BLUE** )

