



Instructions for ATS Bypass Switches

160A and above

Issue 021115

These switches are designed to comply with the legislation for bypass of life safety systems included in BS9999 and BS8519:2010 and are fully tested before leaving switchgear systems.

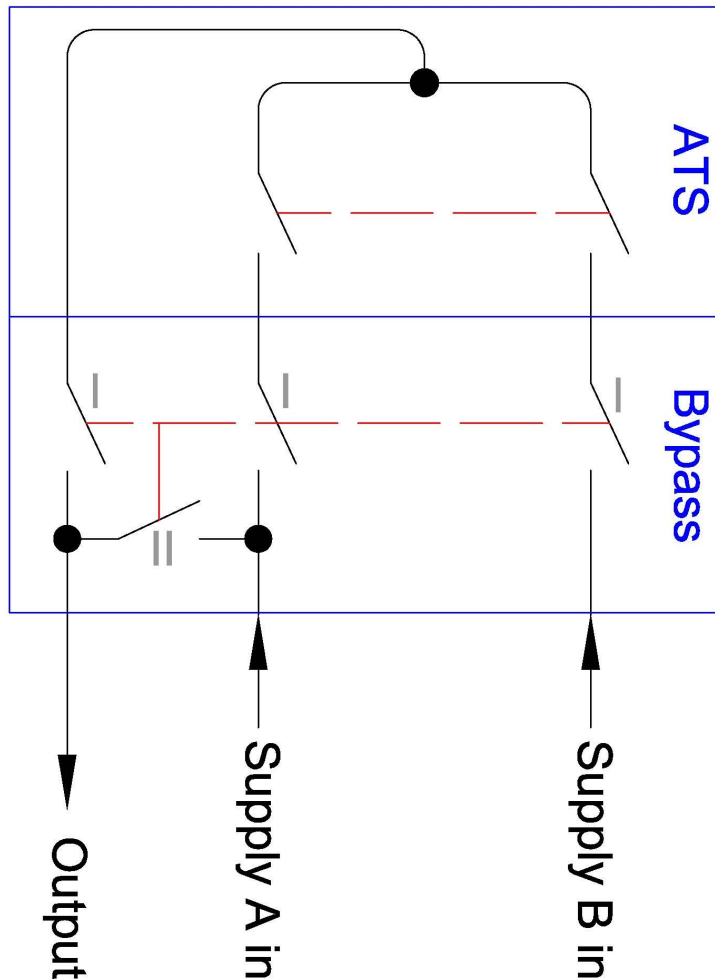
The installer is responsible for ensuring that the installation conforms to the requirements of BS 7671 (Wiring regulations) and best safe working practice.

Single Line Bypass

Operation

Position 1: Normal running with ATS in circuit.

Position 2: Supply A bypassed and supply B isolated.



Panel Features

Single line ATS bypass:-

- ◆ Integrated bypass and ATS panels suitable for life safety regulation applications.
- ◆ Total Isolation of the ATS panel from load and source for maintenance purposes.
- ◆ Test position.
- ◆ Bypass of one supply (normally primary).

Dual line ATS bypass:-

- ◆ Integrated bypass and ATS panels suitable for life safety regulation applications.
- ◆ Total Isolation of the ATS panel from load and source for maintenance purposes.
- ◆ Test position.
- ◆ Bypass of either supply via output selector switch.

Instructions for connection

When factory fitted:-

- Connect your incoming cables from the main supply to the terminals marked 'Primary Supply Input'.
- Connect your incoming cables from the auxiliary supply to the terminals marked 'Secondary Supply Input'.
- Connect your outgoing supply cables to the load or distribution network to the terminals labelled 'Outgoing Supply'.

When supplied alone:-

- Follow the instruction above.
- Join the 'Primary Supply Input' terminals on the ATS to the 'Primary output to ATS' terminals in the bypass switch.
- Join the 'Secondary Supply Input' terminals on the ATS to the 'Secondary output to ATS' terminals in the bypass switch.
- The 'Outgoing Supply' terminals of the ATS should then be joined to the terminals in the bypass switch marked 'Input from ATS'.

