UPS Maintenance Bypass Switch



External Maintenence Bypass Switch

Single Input

Electric Interlock

Rack Mount / Wall Mounting Format

230 VAC

Specification

Input

Input Voltage	• 230 V single phase, 176-276 V

Output

Output Voltage	• 230 V single phase, 176-276 V

General

Dimensions	• See Output Characteristics Table
IP Rating	• IP30
Connector Type	• Contact Sales Team

Environmental

Operating Temperature	• 0 ˚C to +40 ˚C
Storage Temperature	• -10 ˚C to +85 ˚C
Operating Humidity	• <0-95% RH, non-condensing
Storage Humidity	• <0-95% RH, non-condensing
Operating Altitude	• 1000 metres
Shock & Vibration	• <2 g

EMC & Safety

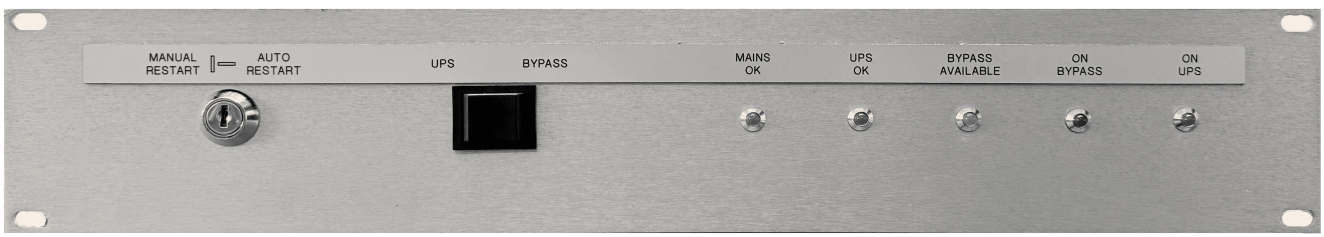
Safety Standards	• EN60947 1999 low voltage switchgear & control gear

Product Description

The External Maintenance Bypass Switch (EMBS) permits the maintenance or repair of a UPS system by providing a simple but efficient means of temporarily isolating/removing the UPS from the power circuit without interrupting power to the critical load.

All EMBS panels supplied by Powersolve are fitted with an electrical interlock to prevent the maintenance supply being accidentally connected in parallel with the UPS output. Service personnel are provided with a key operated over-ride switch to allow the maintenance bypass breaker to be closed once the UPS has been transferred to internal bypassmode, during normal maintenance of the system.

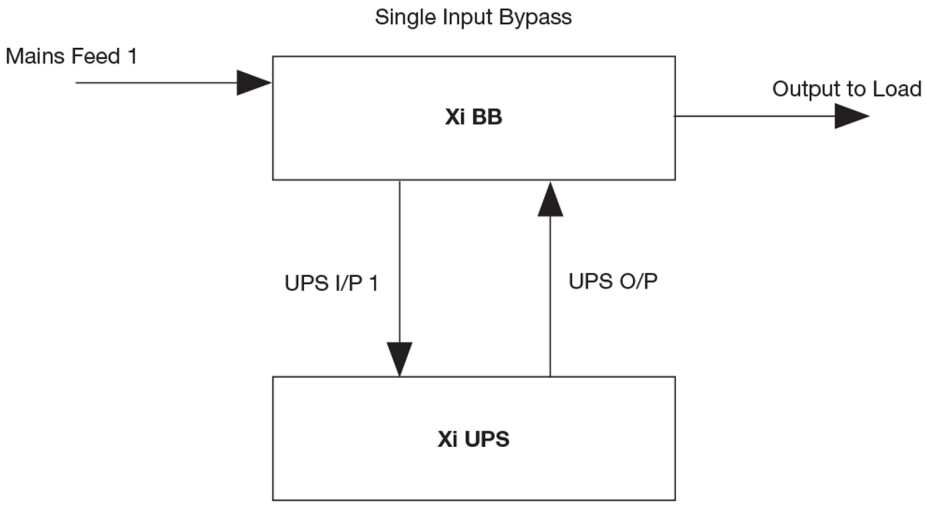
Front Panel



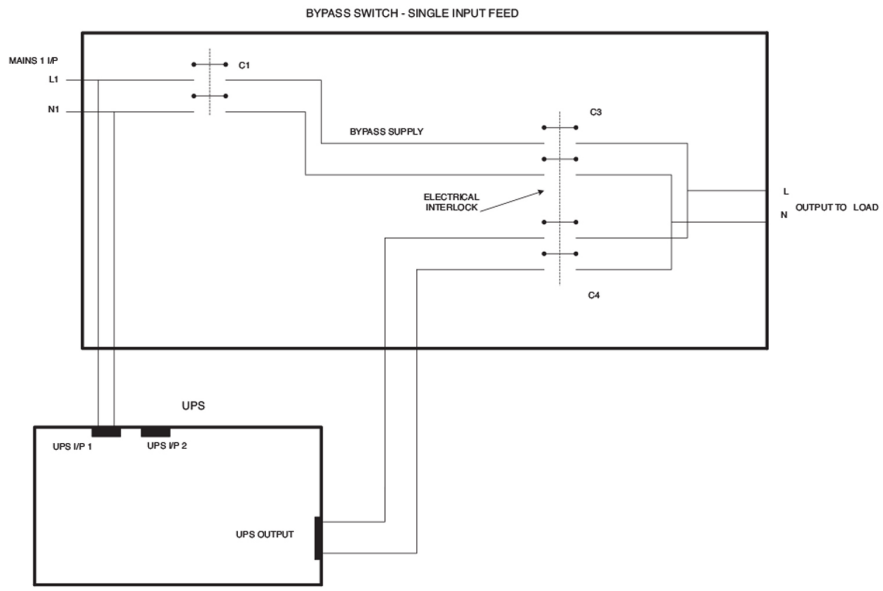
UPS Maintenance Bypass Switch

Single Phase/Single Feed Input					
Rating	Voltage	Current	Format	Dimensions (H ,W, D)	Model Number
1.5 kVA	230 V	10 A	19" Rack	2U x 19" x355mm	Xi BBSR 1k5
3.0 kVA	230 V	16 A	19" Rack	2U x 19" x355mm	Xi BBSR 3k

Single Phase / Single Feed Input



Circuit Diagram



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