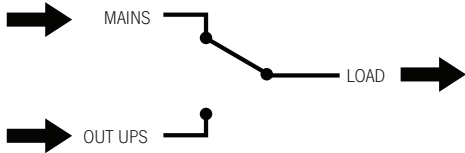


# Maintenance Bypass

## MBB10A - MBB16A MBB32A

This is available in 10, 16 and 32 Amp models, and allows a UPS unit up to 6kVA to be safely powered down for maintenance/removal, without any disruption in the power supplied to the load. Both versions are supplied with a wall mount metal bracket.



# Manual Bypass

## Multi Pass 16 / 16-R

Multi PASS is a maintenance bypass to allow a UPS to be powered down and removed for service without disruption to the connected load(s). Multi PASS has both manual and automatic transfer functions. If the UPS is accidentally disconnected or fails any load(s) connected to Multi PASS are automatically transferred to the mains supply. Multi PASS is available in wall mounted or 19" rackmount formats. RIELLO UPS supplies a wide range of external maintenance bypasses and switchgear for their UPS up to the 800kVA Master Plus and for parallel systems up to 6.4MVA.

### Characteristics

- Wall or rackmount versions
- Back-feed protection
- Manual and automatic transfer functions
- Mains power present LED indicator
- IEC, UK, Schuko and hard wired connected options

# Maintenance Bypass

## MBB100A

Available only in one version which allows manual bypass operations on any 10 to 20kVA single phase UPS and 10 to 40kVA three phase UPS. The device comes with three circuit breakers as shown in the attached diagram, so as to ensure complete isolation of the UPS during maintenance or removal operations, whilst guaranteeing continuous power supply to the loads.

The device has a microswitch for connection to the appropriate UPS input, which signals closure of the manual bypass, in order to prevent energy being supplied simultaneously from the manual bypass and the inverter.

**RIELLO UPS offers a wide range of external bypasses and static switches for UPS models up to 800kVA and for parallel systems up to 6.4MVA.**

