I/O

The I/O expansion board for the Master range is equipped with:
- 6 outputs with NC/NO potential-free contacts (250 V/5 A), electrically isolated from each other and from other circuits
- 2 self-powered inputs.

Each output or input can be configured with different meanings, using the associated menu.

For compatibility, refer to the Table on page 16

Kit for AS400 and i-Series

The IBM AS/400 system has a single-level memory management feature that makes it almost compulsory for the system to be connected to a UPS. This is because a momentary loss of power with consequent anomalous shutdown can lead to lengthy or even extremely lengthy reboot periods.

Also, even simple interference in the power supply can lead to hardware damage. The AS/400 interface kit allows the OS/400 operating system to initiate an orderly system shutdown on mains failure.

Features
- Compatible with all AS/400 and i-Series systems
- Supports all UPS in the Riello UPS range.

Modem GSM

The GSM modem is able to send SMS messages detailing operating states and alarm warnings for devices monitored by PowerShield[3] control software and PowerNetGuard supervision software.

RTG 100

The GPRS RTG 100 terminal is able to manage UPS connected directly to the GSM mobile telephone network.
It was developed to integrate UPS into the TeleNetGuard remote control system for complete control of UPS and diagnostics in the event of failure
without the need for landline connections. The RTG 100 is able to communicate constantly with UPS to provide the TeleNetguard remote control system

or PowerShield[3] software with a valid alternative to connection systems employing communication cables.

Features
- Ability to send SMS messages detailing UPS operating states and alarms
- Compatible with PowerShield[3] and TeleNetGuard
- Events log management
- Firmware upgradeable via GSM.

Multi Panel

The Multi Panel is a remote monitoring device that can provide a detailed UPS status overview in real time. This device is able to display mains power, output and battery readings as well as UPS operating states. The high visibility graphic display supports English, Italian, German, French, Spanish, Russian, Chinese and many other languages.
It has 3 independent serial ports, one of which allows for UPS monitoring via the MODBUS/JBUS protocol (on either an RS485 or RS232 serial line). The other independent serial lines can be used to connect devices such as the Netman 101 Plus or a PC running PowerShield[3] software.

Features
- High visibility LCD with graphic functions
- Management of three independent serial lines
- Port configuration for MODBUS/JBUS as RS232 or RS485
- Suitable for integration with the main BMS management programs
- Firmware upgradeable via serial port.

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