Quantec Controller

Part No. QT601-2

Overview

- Supplies power to and controls a Quantec Addressable Call System.
- Monitors all network devices and manages the routing and distribution of all calls.
- Provides connections for network wiring, standby batteries, a laptop (for system programming), optional paging/DECT equipment, an optional printer or PC (to run Quantec's QT707S Surveyor data management software).
- Includes a library of 40 pre-set & 45 custom place names.
- System setup requires a laptop PC running Quantec's QT707 programming tools.
- Can be semi-flush mounted using an QT385 bezel or fully-flushed using a BF359/3S stainless steel enclosure.
- System wiring requires one or more QT603 network splitters.
- Wiring should be made in a spine and limb arrangement using 1.5 to 2.5mm2 T&E (spines) and 4 to 8 core stranded security cable (limbs).

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More Information

Technical Specifications

Mains supply	230V 50/60Hz.
Mains rated current	350mA maximum.
Internal power supply	27Vdc nominal.
Total output current limited to	3A @ 230Vac.
Quiescent current	100mA @ 24V
Max battery size and type	2 x 12V 7Ah VRLA connected in series.
Cabling	
Open collector outputs	OP1 (active on standard call); OP2 (active on help req. call); OP3 (active on emergency call); OP4 (active on attack call). OP5 (failsafe fault output). Voltfree single pole c/o. Max. switch curren
Other outputs	24V Aux. Power (19.5V min, 28V max). Protected by a resettable fuse. Max. current 100mA.

PC connection	CONN1 provides an RS232 connection for use with our Quantec Surveyor data management software (via a PC) or a Quantec Printer.
Indicators	2 line x 40 character backlit display; Power LED (lit when power is present, off when no power present).
Controls	Accept (A); Scroll Up; Scroll Down; Code Entry Buttons (1, 2, 3 and 4); Escape (E).
Connections	Plug-on type, largest acceptable conductor size 1mm2.
Expansion connections	CONN2 provides an RS232 connection for paging equipment.
Product dimensions (mm)	410 W x 250 H x 80 D mm (base); 439 W x 274 H x 7 D mm (lid).
Construction & finish	Metal base, plastic lid.
IP Rating	IP30.
Weight	3.5Kg.
Operating conditions/temperature	-5ºC to +40ºC. Max relative humidity: 95%.