

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).

Technical Specifications

230V 50/60Hz. Mains supply 350mA maximum. Mains rated current Internal power supply 27Vdc nominal Total output current limited to 3A @ 230Vac. 100mA @ 24V Quiescent current

Max battery size and type 2 x 12V 7Ah VRLA connected in series

Spine & limb arrangement using QT603 network splitters. Spines wired in 1.5-2.5mm2 T&E; Limbs Cabling

wired in 4 core stranded security cable (up to 6 limbs per QT603 splitter). Refer to main instructions

OP1 (active on standard call); OP2 (active on help req. call); OP3 (active on emergency call); OP4 Open collector outputs

(active on attack call). OP5 (failsafe fault output). Voltfree single pole c/o. Max. switch current 25mA;

Max. switch voltage 30Vdc.

24V Aux. Power (19.5V min, 28V max). Protected by a resettable fuse. Max. current 100mA. Other outputs



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CONN1 provides an RS232 connection for use with our Quantec Surveyor data management software PC connection

(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).

Accept (A); Scroll Up; Scroll Down; Code Entry Buttons (1, 2, 3 and 4); Escape (E). Controls

Connections Plug-on type, largest acceptable conductor size 1mm2.

CONN2 provides an RS232 connection for paging equipment. Expansion connections 410 W x 250 H x 80 D mm (base); 439 W x 274 H x 7 D mm (lid). Product dimensions (mm)

Metal base, plastic lid. Construction & finish

IP30 IP Rating 3.5Kg. Weight

Operating conditions/temperature -5°C to +40°C. Max relative humidity: 95%.



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