

WIRING CENTRE

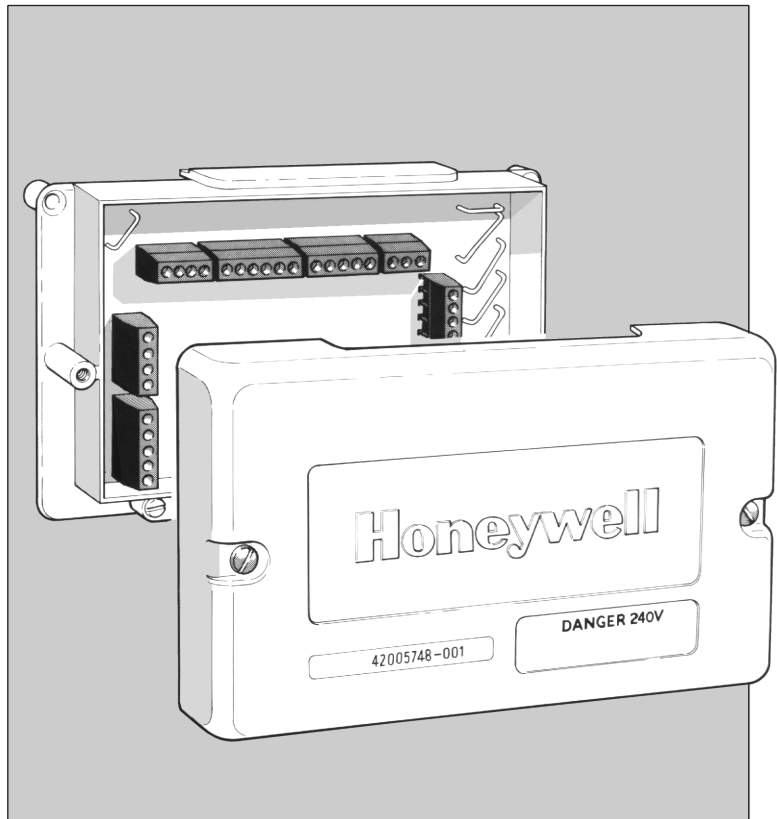
42005748-001

FEATURES

- Dedicated terminal block for each system component.
- One wire per terminal connection.
- No wiring diagrams or additional instructions required.
- On-the-board fuse – plus spare.
- Cable clamps.
- Strong, fire retardant ABS box.
- Designed to comply with BS3955.
- Suitable for Sundial C, S and Y Plans.

OPTIONS

- A sub-base adaptor is available to enable the Sundial Plan Wiring Centre to be used with plastic mini-trunking.
- A 10-way junction box is available as an alternative method of centralising the installation wiring.



APPLICATION

The Sundial Plan Wiring Centre has been designed to simplify the wiring of central heating installations using Sundial C, S or Y Plan control systems and programmers or time switches. The terminal connections are clearly identified and provision is made for basic boilers and for boilers with built-in pump over-run operation.

HEATING CONTROLS

Honeywell

■ Installation

The location should be convenient for installation components wiring and be readily accessible.

If fitted on a wall, the base may be mounted either way up to allow for top or bottom cable entry; the lid is reversible on the base.

All information needed to configure the circuit board to suit the installation wiring, by cutting the pre-wired links, is given on the inside of the lid – no other information or wiring diagrams are required to enable correct wiring connections to be made.

Full installation instructions are provided with the mini-trunking sub-base adaptor to allow it to be used with the wiring centre.

A **Sundial Plans Wiring Booklet** is available, from Honeywell sales offices, which details the wiring termination numbers when using the 10-way junction box.

■ Ordering Specification

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Sundial Plan Wiring Centre complete with on-the-board fuse and cable clamps.

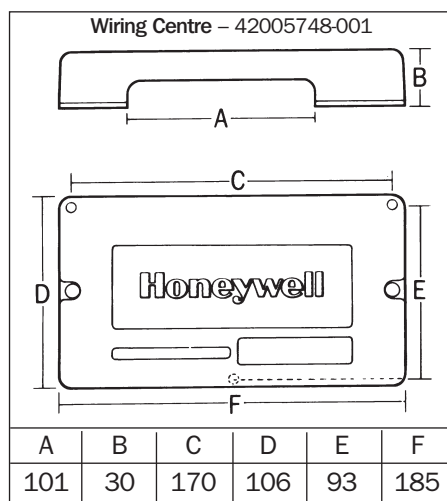
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Mini-trunking sub-base adaptor complete with sub-base to wiring centre fixing screws.

42002116-001

10-way Junction box complete with cable clamp.

■ Dimensions (mm)



■ Specification

SUNDIAL PLAN WIRING CENTRE : 42005748-001

Number of Terminals	: 37 (UL Approved)
Nominal Terminal Capacity	: 2 x 1.5mm ²
Maximum Current Terminals	: 10 amp 230V 50Hz
Maximum Current – PCB	: 5 amp 230V 50Hz
Fuse Rating	: 2 amp 230V 50Hz (2 fuses provided with each wiring centre)
Cable Clamp Capacity	: 4 x 2.5mm ² twin + E (Max) per Clamp (2 off)
Ambient Temperature Rating	: -10°C to 90°C
Fixing	: 3 fixing holes in base suitable for No. 8 wood screws

MINI-TRUNKING SUB-BASE ADAPTOR : 42005749-001

Mini-trunking breakouts	: 13 breakouts distributed around the four sides of the adaptor. 6 off 17.5mm x 17.0mm 7 off 25mm x 17.0mm (Plus 2 off 50mm x 50mm openings in base)
Cable Clamp Capacity	: 4 x 2.5mm ² twin + E (max) per clamp (2 off) from wiring centre
Fixing	: 3 fixing holes in sub-base suitable for No 8 wood screws. 3 off 4 BA screws provided to fit adaptor to wiring centre

EC Directive : Conforms to 89/336/EEC

10-WAY JUNCTION BOX : 42002116-001

Number of Terminals	: 10
Maximum Current Terminals	: 15 amp 230V 50Hz
Cable Clamp Capacity	: Up to 8mm dia cable
Cable Entries	: 12 knockouts located around the 4 sides of the base
Fixing	: 6 fixing holes in base suitable for No. 8 wood screws
EC Directive	: Conforms to 89/336/EEC

■ Options

