

Wiring Centre

This functional 230v wiring centre has easy fit connector terminals and also LED indicators. The unit is fitted with boiler/pump/valve and timer port for use with underfloor heating systems.

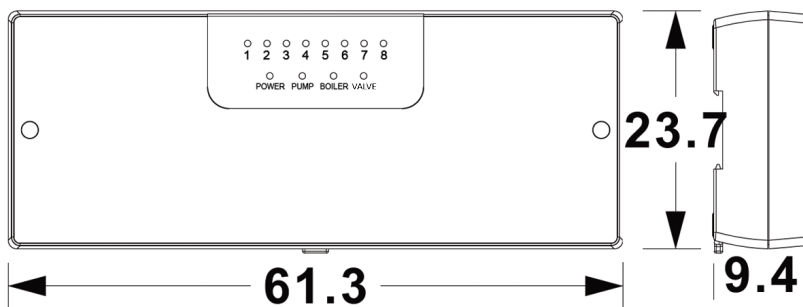


Product Code	Product Description
TIOWIR0004	8 zone wiring centre with port and valve timer

SYSTEM COMPONENTS AND TECHNICAL DATA



This product can only be installed by a competent engineer.



Power	95-240V AC 50/60Hz
Operating temperature	-20 – 60°C
Relay output max	3A
Colour/Material	White ABS
Dimensions	280 x 110 x 43.5mm
No. of Zones	8
Pump Delay adjustment	3 - 5mins
Fuse rating	10A
IP rating	20

1.1 To remove front cover, please loosen two retaining screws and hinge front cover upwards.

1.2 To mount the product, please use screw holes or by DIN rail utilising the DIN rail connector moulded into the back housing. ***DIN rail not provided.***

1.3 For cable entry please use the knock outs provided. Take care not to damage the PCB when removing knock outs.

1.4 For programmable digital thermostats the power supply should be via a double pole external isolator and should connect to main terminals marked L & N. Any earth connections should be made separately using the GND connection block. The wiring centre does not required earthing, this is for continuity to all devices. Link to a larger separate terminal block if required.

1.5 To operate dial thermostats via an external time switch please connect the Normally Open output from the time switch to main terminal L rather than a permanent Live supply. This will allow timed common feeds to all zones when the time switch is ON.

1.6 Zonal Connections:

L – This output is to provide power or a common to each thermostat (can be permanently live or timed as per point 1.5).

N – This output is to provide a permanent neutral connection to each thermostat. This is the return or 'switched live' from each zonal thermostat.

Top – This is the L terminal for the manifold actuator.

Bottom – This is the N terminal for the manifold actuator.

1.7 Pump connections – Connect Pump Live to the top connection, pump neutral to the bottom. Pump Relay delay settings shown in point 1.9

1.8 Boiler connections – The boiler connections are volt free. Therefore please connect boiler common to terminal marked COM, and the boiler signal to the terminal marked NO.

1.9 Pump relay delay. Please refer to jumper switched for adjustment. Select "1" means 3-5mins delay. Select ON means no delay. Factory set is "1".

1.10 Or and Gr need a link if there is no UFH valve fitted.

