

Product Data Sheet

9/26/2024

Electronic Controls

Unisenza Wiring Centre

UK - Myson



- Heating and cooling
- Integrated pump protection function
- Extended 5 year warranty
- LED status indicators
- Flexible mounting options

Description

Myson's Unisenza Wiring Centre is at the heart of the control system and enables safe and easy wiring of Unisenza room thermostats and actuators. The easy-to-understand LED indicators provide a quick status reference, and changeover from heating to cooling is simple thanks to the external changeover input. An optional dew point and/or excess temperature sensor is available to protect the system from condensation when cooling, or excess temperature when heating.

Available in 2 versions, 230V and 24V. The standard 10-zone unit will fit most applications, but a 5-zone version is also available for smaller systems. Per 10-zone wiring centre up to 20 actuators can be installed so that larger systems pose no problem.

Area of Application

The Unisenza Wiring Centre is used for safe and easy wiring of Unisenza room thermostats and actuators. Suitable for both heating and cooling operation, it supports up to 10 room thermostats and 2 actuators per room. Features include an integrated pump protection function, boiler/heat pump relay, and connections for optional sensors.

Selection Criteria

For selecting the product or calculating the system, please use our technical documents, product manuals, our design service, or contact us via e-mail or phone.

Basic User Instructions

Click to mount on DIN rail or screw mounting. The 230V version comes pre-wired with a Euro plug, while the 24V version requires connection via an external transformer. Ensure safe and easy wiring by following the installation guide and connecting room thermostats and actuators as specified. Follow LED indicators for system status.

Prescription text specifiers

The Unisenza Wiring Centre is used for safe and easy wiring of Unisenza room thermostats and actuators. It is suitable for a maximum of 10 room temperature controllers and 2 actuators per room and can be used for heating and cooling operations. Features include an integrated pump switch-off module (live contact in 230V version), LED switching status displays, click mounting on DIN rail or screw mounting, and relays for boiler/heat pump contacts. The 230V version comes pre-wired with a Euro plug, while the 24V version requires connection via an external transformer. Extended 5-year warranty applies.

Warranty

For your additional peace of mind, Purmo Group gives the following Warranty against manufacturing defect. Your statutory rights are not affected by this Warranty.

Subject as provided below, Purmo Group warrants to the original purchaser at the original installation site that its products will be free from defects in materials and workmanship for the following periods:

- Hydronic Radiators: 10 years from date of purchase.*
- Fan Assisted Radiators (ULOW-E2): 2 years from date of purchase.*
- Fan Convectors: 2 years from date of purchase.
- Hydronic Underfloor Heating: 10 years for the pipe from date of purchase.
- Hydronic Underfloor Heating: 2 years on accessories, actuators, ball valves, controls, expansion vessels, fittings, low loss headers, manifolds, mixer control groups & tooling from date of purchase.
- Hydronic Underfloor Heating: 12 months on all pumps from date of purchase.
- Electric Underfloor Heating: 10 years from date of purchase (except programmer & sensor).
- Electric Radiators and Towel Warmers: 2 years from date of purchase.*
- Hydronic Towel Warmers: 5 to 10 years from date of purchase depending on product type.*
- Myson Radiator Valves and Controls: 2 to 5 years from date of purchase, depending on range.

*Products which are exposed to prolonged extreme conditions, such as high humidity or severe cold/condensation, may be subject to deterioration. This is not a result of any manufacturing defect.

Products installed in these circumstances will be subject to a warranty period of twelve months

only.

The original purchaser's remedy for breach of this Warranty is expressly limited to repair or replacement of any part or parts found to be defective under conditions of normal service and use during the above Warranty period and does not extend to Purmo Group being liable for any incidental, special or consequential damages or losses whatsoever, such as loss of use of the product, inconvenience or lost profits.

This Warranty does not cover any defect, damage or malfunction in the product which is due to: failure to comply in any respect with Purmo Group's installation, maintenance or operating instructions; faulty storage,

handling, installation or repair; mis-use; neglect; accident; abuse; or general wear and tear.

Before this warranty can be activated, the original purchaser will be required to prove, with supporting documentation, the date and place of purchase, as Purmo Group may need to conduct its investigation into

the alleged defect. This should be within 28 days of the date when the defect was discovered or ought to have reasonably discovered the defect.

Purmo Group reserves the right to make a reasonable charge for inspecting and testing any product which is subject to a Warranty claim and the rights conferred by the Warranty are conditional upon the payment of such charge. The charge may be made, at Purmo Group's discretion, either before or after the inspection and testing of the product. In the event that it is established to Purmo Group's reasonable satisfaction that a valid Warranty claim has been made in respect of the product, then any inspection charge which has been paid will be refunded in full by Purmo Group.

Specification

Feature	Unit	Value
Etim Class		EC010057 - Zone controller
Supply voltage	Volt (V)	24, 230
Output voltage	Volt (V)	24, 230
Networkable via radiografic (standard)		No
Networkable via radio (optional)		No
Connection for external antenna		No
Smart control		No
Number of channels/zone		5, 10
Max. power per channel	Voltampere (VA)	0.5, 1
Suitable for heating		Yes
Suitable for cooling		Yes
With time switch clock		No
With extra contact		Yes
Contact type		Breaker contact (NC)
Max. contact voltage	Volt (V)	24, 230
Max. contact load	Ampere (A)	5
Degree of protection (IP)		IP30
Width	Millimetre (mm)	280
Height	Millimetre (mm)	120
Depth	Millimetre (mm)	60
Item weight	Kilogram (kg)	0.525, 0.53, 0.585

Resources

Document Description	Document Type	Link
Unisenza Brochure ENG	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_89ca48f5-6d06-4edf-aa44-d46cdb6852e8
Myson Complete Solutions - Full Brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_24872a57-c3a5-4956-ab4b-dfa3b522c19b
Range brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_3e6c4df2-7006-4133-88db-1026c6c421d2
Unisenza Wiring Center - Manual	Installation Instructions	https://asset.productmarketingcloud.com/api/assetstorage/3577_5aa816e1-913e-4a72-93fd-c94b36964b2c
Installation Instructions	Installation Instructions	https://asset.productmarketingcloud.com/api/assetstorage/3577_0e050150-6243-4d2f-98ec-bd02fe430ae6

Items

Local Code	Global Item Code	Item Description
50438	FDW0CAWB10FA0013	10 Way Wiring Centre 24V
50436	FDW3CAWB05FA0013	5 Way Wiring Centre 230V
50437	FDW3CAWB10FA0013	10 Way Wiring Centre 230V