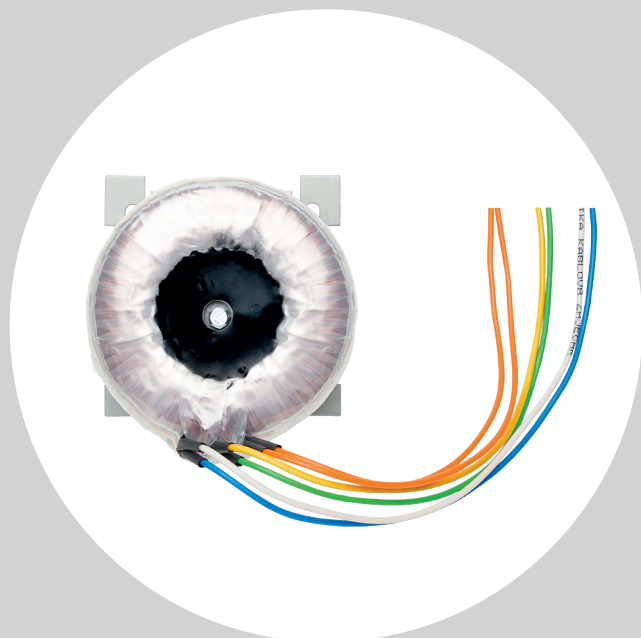


OJ Air2 AHU control system



OJ-Air2PWR80

- Effective ring core
- Mounting on DIN rail
- Optimised for OJ Air2
- 2 x 24 V AC for automation
- 2 x 60 VA output power

The OJ Air2 system has been specially designed to control air handling units and forms a complete control system where all components are fully integrated and optimised.

The OJ-Air2PWR80 is a transformer specially designed for the OJ Air2 system. The solution is particularly efficient with ring-shaped cores and evenly distributed windings.

The OJ-Air2PWR80 has 2 potential-separated outputs, each of which delivers a stable voltage and current. The high efficiency makes the transformer smaller and lighter than conventional solutions.

Flexible and attractive

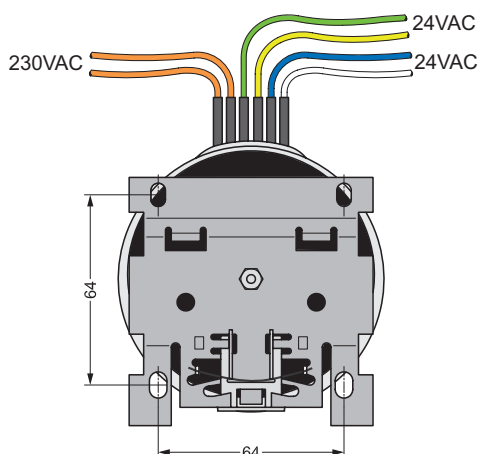
The OJ-Air2PWR80 is furnished with 230 V AC and has two 24 V AC outputs. Both are able to simultaneously deliver an output power of 60 VA. Hence there is always sufficient power for both the OJ Air2 system, damper, valves and contactors in the control panel.

High efficiency

The transformer is efficient, quiet and small. Its robust construction with optimum proportions between power and dimensions protects against mechanical effects and environmental effects such as dust and moisture.

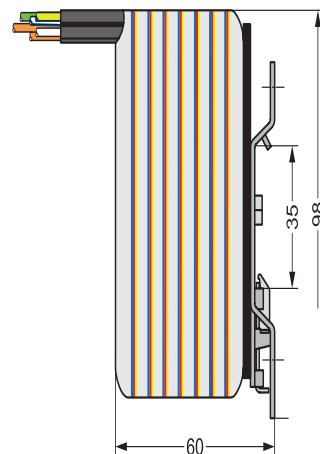
Simple installation

The transformer is delivered with a bracket for quick and efficient mounting on a DIN rail. The wires can reach out to the suitable place in the control panel and simply need to be shortened for the installation concerned.



Connection

BR-0982-B20b



Dimensioned drawing

BR-0982-B19b

INSTALLATION

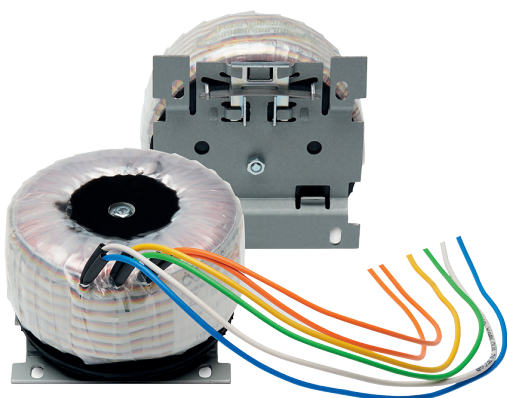
The OJ-Air2PWR80 should be installed on an 35 mm DIN rail in an enclosure that corresponds to the classification of the installation location. Typical placement is together with the OJ-Air2Master or in a control panel. The transformer must be protected against short-circuiting with fuses.

PRODUCT PROGRAMME

TYPE	PRODUCT
OJ-Air2PWR80	230 to 2 x 24 V AC transformer
OJ-Air2Master	AHU controller

TECHNICAL DATA

Supply voltage	230 V AC
Frequency	50/60 Hz
Output voltage	2 x 24 V AC
Output power	2 x 60 VA
Electrical connection	800 mm wire
Mechanical installation	35 mm DIN rail
Diameter	Ø 98 mm
Overall height/depth	52 mm
Max. prefuse	13 AT on supply
Max. fuse	2.5 AT on outputs
Amb. operating temperature	+40 °C max.
Wire dimension	0.8 mm ² primary 0.8 mm ² secondary
Weight	1500 g



CE marking

The OJ-Air2Master complies with the requirements of the following directives:

EMC Directive
 EN 60742 class II