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DATA SHEET

CBOX-T

Produal

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CBOX-T connection box



The CBOX-T connection box is a loop-through box for zone control applications. This box contains 14 terminals that are labelled according to HDH and HLS 44 room product families. You can use this box as a collection point for your devices. For example, you can connect the wires from the room device, VAV dampers, and actuators to the box.

The connection box includes a 230 Vac to 24 Vac transformer. The 24 Vac output is protected with a 2 A fuse.

Technical specifications

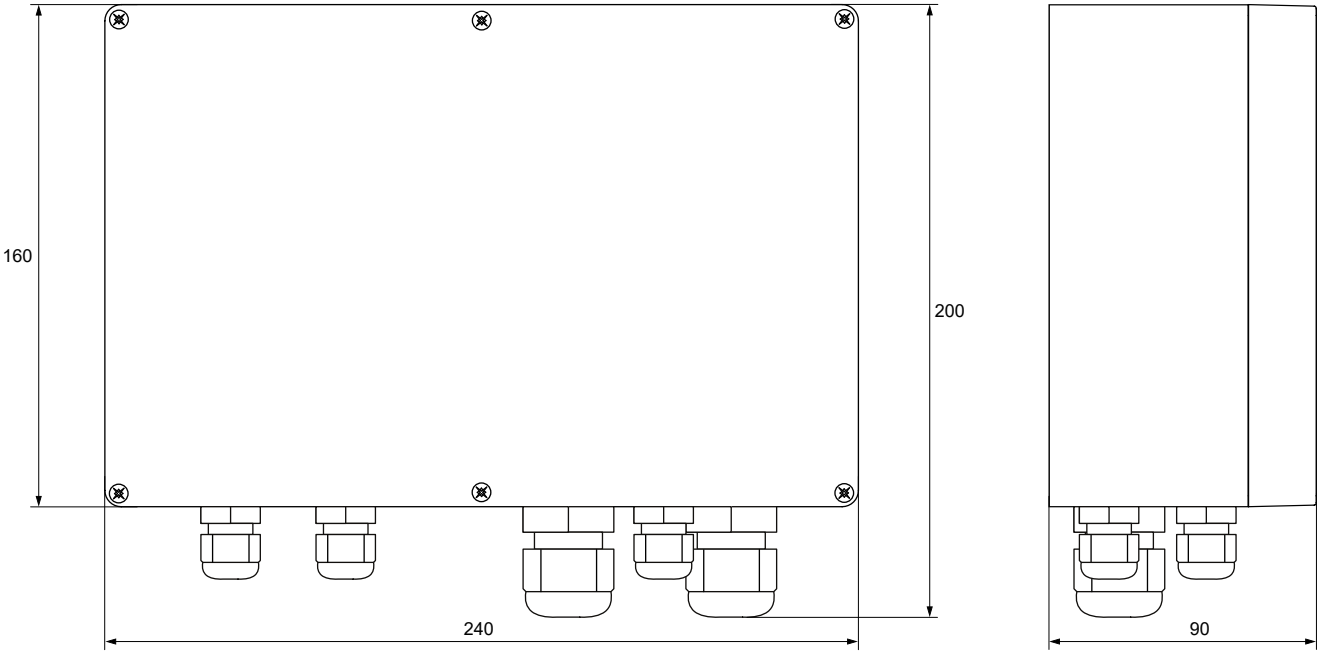
Property	Value
Supply	230 Vac ±10 %, 50 Hz
Supply output	24 Vac, <2 A, U_0=27.9 Vac
Wiring terminals	
Type	Spring terminal
Wire	0.2...1.5 mm^2 (24...16 AWG), stripping length 5 mm
Appliance class (IEC 60664-1)	II
Operating conditions	
Ambient temperature	-5...60 °C
Ambient humidity	0...95 %rH (non-condensing)
Housing	
Protection class	IP54
Materials	ABS plastic
Cable glands	3 x M16 (cable diameter 4...8 mm) and 2 x M25 (cable diameter 10...14 mm). The delivery also includes sealing inserts for connecting four 6 mm cables to each M25 cable gland.

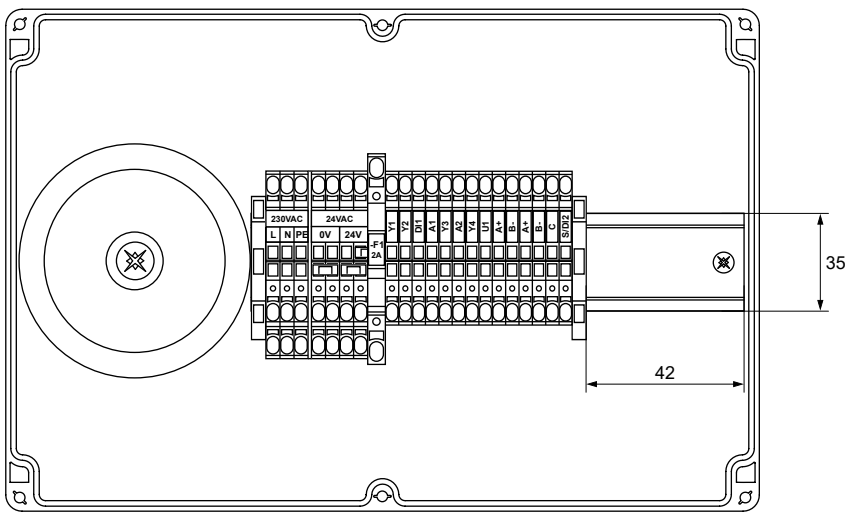
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Property	Value
Mounting	On a flat surface with screws
Dimensions (w x h x d)	240 x 160 x 90 mm
Warranty	2 years
CE UKCA	Refer to the EU Declaration of Conformity or the UK Declaration of Conformity for compliance information. You can find the declarations on this product's page at www.produal.com.
Company certificates	
Quality management	ISO 9001
Environmental management	ISO 14001

Dimensions

All dimensions are in millimeters (mm).





Ordering information

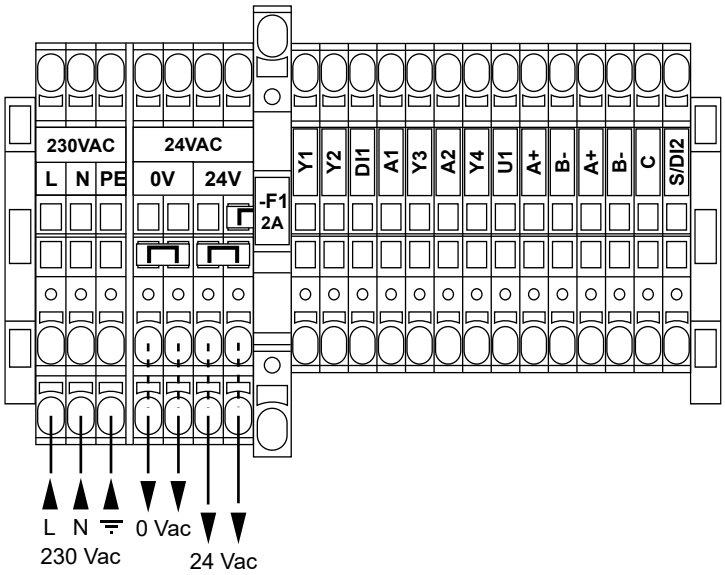
	Type	Product number	Description
	CBOX-T	9000561	Connection box, 230 Vac to 24 Vac transformer included

Wiring

WARNING: Device wiring and commissioning can only be carried out by qualified professionals. Always make the device wirings in de-energised electricity network.

CAUTION: The product may only be connected to overvoltage category I, II or III electricity network according to IEC 60664-1.

CAUTION: The used cables must have minimum of 230 Vac insulation for SELV wiring.



CAUTION: Ensure that all covers are closed before you connect the supply voltage to the product. Do not remove the covers when the supply voltage is connected.

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