

## 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.

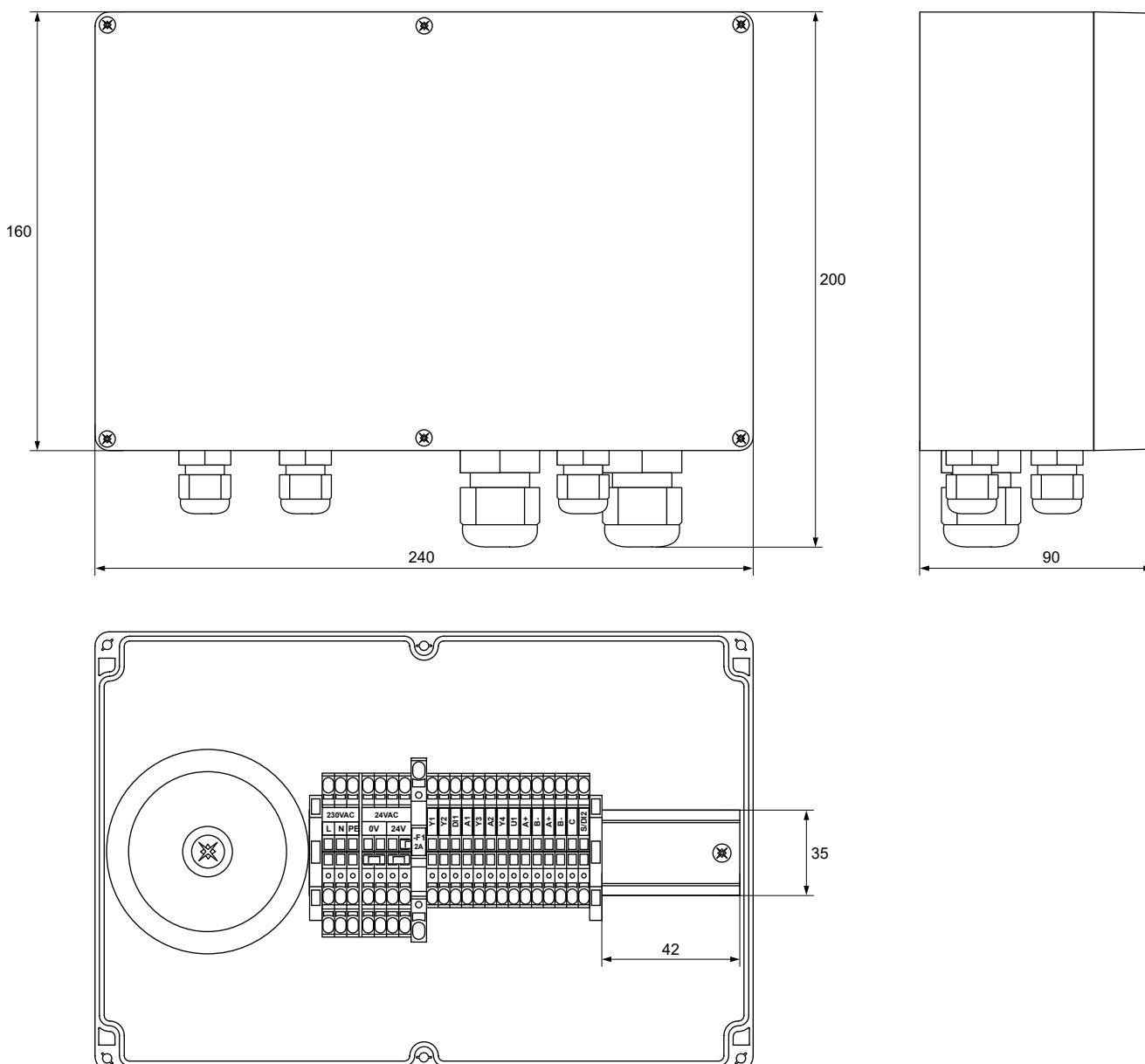
## Technical specifications

Property	Value
Supply	230 Vac $\pm 10\%$ , 50 Hz
Supply output	24 Vac, <2 A, $U_0=27.9$ Vac
Wiring terminals	
Type	Spring terminal
Wire	0.2...1.5 mm <sup>2</sup> (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.


Property	Value
Mounting	On a flat surface with screws
Dimensions (w x h x d)	240 x 160 x 90 mm
Warranty	2 years
  	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 <a href="http://www.produal.com">www.produal.com</a> .
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



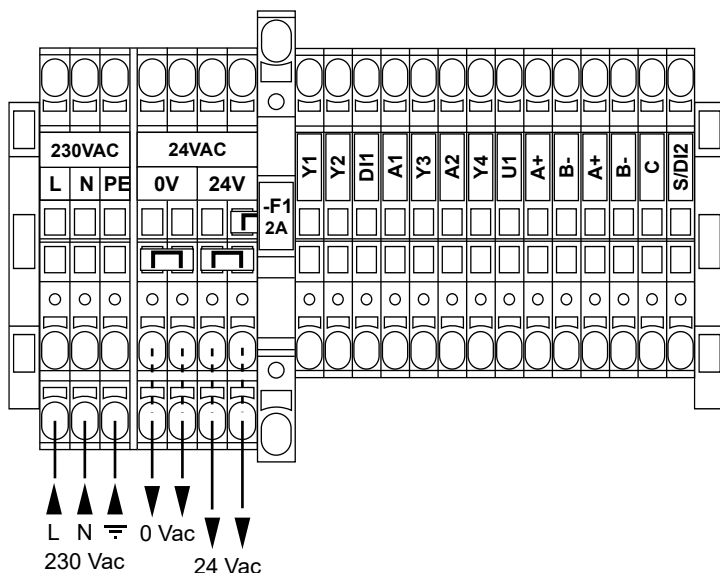
**WARNING:** Device wiring and commissioning can only be carried out by qualified professionals. Always make the device wirings in de-energised electricity network.



**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.