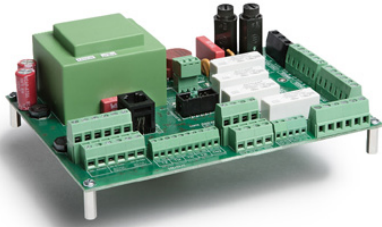


UNIBOX v3.41 / Cat. No.: 3006

controller for recuperators and air handling units

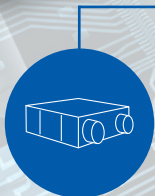
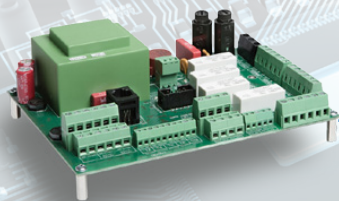


UNIBOX v3.41:

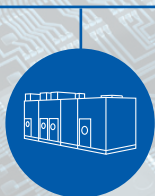
- controller for heat recovery systems and small, middle and extended range AHU
- compatible with room panels DEN 15-C, DEN 16-C and DEN 17-C
- provides power supply and individual fuse protection of supply and exhaust fan
- additional communication port with MODBUS RTU protocol enables connecting the controller to BMS installation and remote monitoring and control of the AHU

PARAMETER	DATA
power supply	230 VAC
communication	<ul style="list-style-type: none"> ■ communication interface RS485 for DEN 15-C, DEN 16-C and DEN 17-C panels ■ communication interface RS 485 MODBUS RTU for external controllers or building automation systems (BMS) ■ communication interface SPI for UNIBOX-EXTENDER
auxiliary supply outputs	<ul style="list-style-type: none"> ■ 250VAC supply with 2.5A fuse protection for supply fan ■ 250VAC supply with 2.5A fuse protection for exhaust fan ■ 12VDC supply for panels DEN 15-C , DEN 16-C and DEN 17-C ■ 24VAC/0,5A for additional elements
output signals	4 x analogue outputs 0-10V 1 x PWM output by open-collector transistor
relay outputs	4 x relay outputs with non-voltage contact
input signals	4 x digital inputs, 1 x universal input
mounting	6 x mounting through holes
run and alarm states indication	yes
temperature sensors	5 x digital temperature sensor DS18B20
control method	remotely by DEN 15-C, DEN 16-C and DEN 17-C panels
IP protection rate	IP 00
dimensions (WxHxL) mm	50 x 160 x 115

APPLICATION



small, middle and extended range recuperators



small, middle and extended range air handling units



heating and ventilation units fitted with mixing section



systems fitted with heat pumps