

UNIVERSAL CONTROLLER

DRU 418

APPLICATION

Suitable for control at fixed point of a temperature measured by a thermistor-type detector NTC 10 kΩ or of another variable (humidity, pressure, level, etc.) measured by a detector with 0 ... 10 V⁻ output signals.

C-Bus compatible.

Essential detectors: 1 thermistor or voltage type.

Optional detectors: 1 setpoint adjuster.



Features

- Power supply: 230 V ~; Consumption: 3 VA; DIN 53 x 115 modular enclosure; Protection: IP 40.
- Digital programming by means of four operating keys and 3-figure numerical display.
- Three-wire modulating control or two-stage On-Off or 0 ... 10 V control signal.

Code	Description	Data Sheet
DRU 418	Universal controller.	—

SENSORS AND ACCESSORIES

Code	Description	Application range	Sensing element or signal	Data Sheet
SIH 010	Immersion temperature sensors	0 ... 99 °C	NTC 10 kΩ	N 140
SAB 010	Room temperature sensor	0 ... 40 °C	NTC 10 kΩ	N 111
SUR 704	Relative humidity and temperature sensor	10 ... 99 %	0 ... 10 V ⁻	N 221
SUT 714	Relative humidity and temperature sensor (for swimming pool)	10 ... 90 %	0 ... 10 V ⁻	N 222
SAU 914	Relative humidity	10 ... 90%	NTC 10 kΩ	N 227
SDA 701	Differential pressure sensor for air	0 ... 1 mbar	0 ... 10 V ⁻	N 430
SDA 703	Differential pressure sensor for air	0 ... 3 mbar	0 ... 10 V ⁻	N 430
SDA 705	Differential pressure sensor for air	0 ... 5 mbar	0 ... 10 V ⁻	N 430
SDA 730	Differential pressure sensor for air	0 ... 30 mbar	0 ... 10 V ⁻	N 430
CDB 100	Set point adjuster with incorporated sensor	-5 ... +5 °C	NTC 10 kΩ	N 710