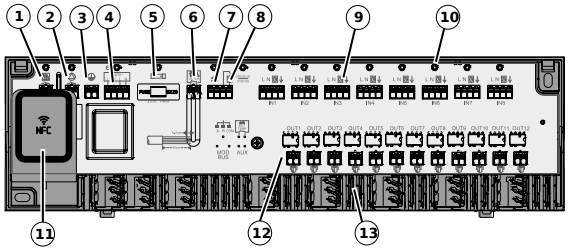
Device overview

Alpha direct Balance Switch base station · https://faqdoc.info/en/systemauswahl/alpha-direct-en/alpha-direct-balance-switch-base-station-en/device-overview-2/

Connections and indications



1 - Boiler connection

2 - Pump connection

3 - Protective earth connection (230 V only)

4 - Voltage supply

5 - Fuse

6 - Temperature limiter or dew point monitor

7 - Changeover heating/cooling

8 - Setback temperature channel external timer

9 - Thermostat connection

10 - LED

11 - NFC antenna

12 - Connection of valve drives

13 - Strain relief

Technical data

Operating voltage	24 V ±20 %, 50 Hz, 230 V ±10 %, 50 Hz

Power consumption	max. 50 VA
Power consumption (idle)	<1 W
Fuse	24 V: T2A 230 V: T4AH
Connectable room controllers	max. 8
Connectable room controllers	A 20x05, AST 20x05, A 40x05, AST 40x05
Connectable valve drives	max. 12 actuators
Inrush current per valve drive	230 V: max. 500 mA
max. permissible nominal load of the connectable valve drives	24 V: max. 24 W
Pump connection Switching capacity	2 A, 200 VA induktiv
- Turn-on delay	parametrisable (default: 2 minutes)
- Follow-up time	parametrisable (default: 2 minutes)
Boiler connection Switching capacity	2 A, 200 VA induktiv
- Turn-on delay	parametrisable (default: 0 parametrisable)
- Follow-up time	parametrisable (default: 0 parametrisable)
Pump protection	parametrisable (default: 3 days / 5 min.)
Valve protection	parametrisable (default: 3 days / 5 min.)
Valve drive operating principle	NC
Ambient temperature	0 ... 50 °C
Storage temperature / transport temperature	-20 ... +70 °C
Ambient humidity	5-80 %, non-condensing
ERP class according to EU 811/2013	1=1 %
Contamination degree	2

Rated impulse voltage	1500 V
Protection class	24 V: III 230V: II
Protection type:	IP20
Function	Type 1 / type 1.C
Dimensions (H x W x D)	90 x 326,5 x 52 mm

Display

LED heating zones	green (one LED per HZ)
LED fuse	red
LED power	green / red (two-coloured)
LED pump	green
LED boiler	green
LED heating / cooling	green
LED Modbus	Flashing orange for Modbus activity