

Submittal Data Information

Roth Alpha Actuator Expansion Module

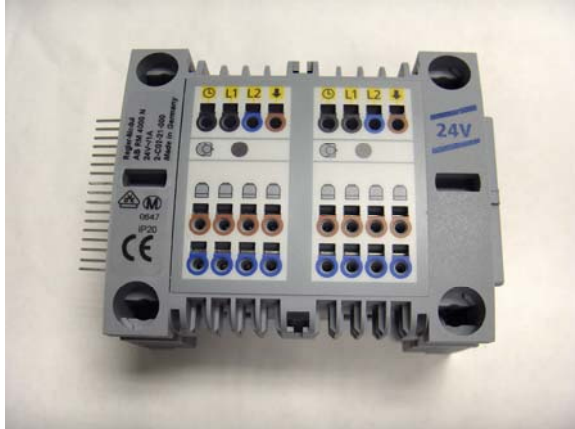


Effective: August 2007

Supercedes:

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

ITEM PART NO.	ITEM DESCRIPTION	MANUFACTURER
#234007772	Alpha Actuator Expansion Module	Roth



Application & Function

The ThermostatModule is connected to the Alpha-Basis by means of a laterally integrated interface. This allows an extension of the Alpha-Basis with 2 Alpha-Thermostats with switching output and 4 corresponding Alpha-Actuators.

The screwless and colour-coded connection technique (spring/clamp terminal connection) allows simple and quick installation.

All electrical lines are secured with cable grips. The guides of the cable grips as well as the clear arrangement allow a trouble-free and quick installation of the ThermostatModule, too.

Note



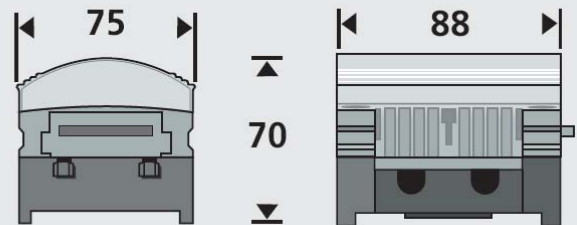
Do not exceed the overall numbers of 14 Alpha Actuators for the complete Alpha-Basis control system.

Features

- Functional design
- Modular plug-in installation
- Spring/clamp terminal connection

Technical Data

Type	AB RM 2000 / AB RM 4000
Operating voltage	230 V AC / 24 V AC
Max. power input	50 W incl. basis
Max. number of thermostats	2
Max. number of actuators	8
Heating program	C2
Dimensions (mm) H / W / L	70 / 75 / 88
Weight	200 g
Protection class	II
Protection type	IP 20
Ambient temperature	0 to 50°C
Storage temperature range	-25 to 60°C
Relative humidity	max. 80% ¹⁾
Applicable wire sections	
Solid wire	0.5 – 1.5 mm ²
Flexible wire ²⁾³⁾	1.0– 1.5 mm ²



- ¹⁾ not condensing
- ²⁾ The wires of the Alpha-Actuators can be used with factory-mounted end sleeves.
- ³⁾ We recommend 5-wire lines (5 x 1.5 mm² NYM) for the electric connection of the thermostats.



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