

Datasheet ZBOOA-010.185

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Valve actuator "Stella" 230V NC for automatic hydronic balancing

"Stella" - the intelligent autonomous electrothermal valve actuator 230 VAC NC for automatic adaptive hydronic balancing of the heating circuits of a heating circuit manifold in panel heating and cooling systems. Sensors on the flow and return pipes measure temperature differences and an algorithm continuously calculates the required temperature spread and the corresponding valve position. Closed when de-energized and with hinged lever for relieved unscrewing or for de-energized manual opening of the thermostatic valve. With integrated flow temperature limiter. Stella can be used in combination with all standard temperature controllers and terminal strips. When using devices with a triac switching element, a dielectric strength (V DRM) of the triac of at least 800V is required.



Ambient temperature	0 ... 50 °C
Average power consumption	1.7 W
Bearing temperature	-25 ... 60 °C
Cable length	1 m
Closing dimension actuator	10.8 mm
Closing dimension valve	11.8 mm
Colour	Grey
Connection cross-section	2 x 0,34 ()
Dimensions (W x H x D)	47 mm x 74,2 mm x 53,1 mm
Function type	Closed when de-energised
Housing material	Plastic PA6
Max. air humidity (non-condensing)	100 % r.H.
Max. Inrush current	130 mA for max. 200 ms
Montage/Befestigung	M30x1.5
Nominal closing force	110 N

Nominal stroke	3.5 mm
Operating voltage	230 VAC, 50 Hz
Protection class	II, following appropriate mounting
RAL colour number (similar)	7015
Running time	180 s
Safety and EMC	In accordance with DIN EN 60730
Temperature controller version	Valve actuator