

New

# Thermal actuators type BA6022F

The new BELPARTS thermal actuators, BA6022F series, are designed for energy efficient and reliable valve actuation in HVAC heating and cooling applications, such as control valves, manifolds and terminal control valves in systems for individual room control and zone control. The thermal actuator operates silently (0 dBA), has a long service life and is completely maintenance free, contributing to a comfortable and efficient indoor climate.



## Technical specifications

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| Power supply           | AC 24 V $\pm$ 20 %, 50 – 60 Hz<br>DC 24 V $\pm$ 20 %    |
| Control signal         | Control signal: 0 – 10 VDC<br>Control range: 2 – 10 VDC |
| Position without power | Normally closed (NC)                                    |
| Actuating force        | 110 N                                                   |
| Stroke                 | 4,5 mm (4,0 mm bij Y: 2 – 10 VDC)                       |
| Valve connection       | M30 x 1,5 union nut (female)                            |
| Closing dimension      | Without space: 10,8 mm<br>With space: 8,4 or 10,2 mm    |
| First-open function    | Yes, automatic unlocking after power up                 |
| Electrical connection  | Cable 3 x 0,25 mm <sup>2</sup> , 1 m, white             |
| Protection class       | IP54 (EN 60730-1)                                       |

- ✓ Easy installation
- ✓ Very low power consumption
- ✓ Absolutely silent operation (0 dBA)
- ✓ First open and re open function
- ✓ Normally closed (NC)

## Is this the right solution for your project?

Feel free to contact us.  
Our experts will help you  
make the right choice.