



TX502



Valve actuator KNX with temperature control + 2 reserve inputs

Technical properties

Architecture

| | |
|-------------|----------|
| Fixing mode | Clamping |
|-------------|----------|

Functions

| | |
|----------------|---|
| Function | with valve protection function |
| Operating mode | Operating modes: comfort, standby, night lowering, frost/heat protected |

Controls and indicators

| | |
|----------------------|---|
| Button / push-button | with programming button and red programming LED |
|----------------------|---|

Voltage

| | |
|----------------------------|----------------|
| Operating voltage over bus | 21...32 V DC |
| System supply voltage | 30V DC via bus |

Electric current

| | |
|---|-------|
| Bus consumption | 10 mA |
| Bus current consumption (data transfer) | 10 mA |
| Number of entry circuits | 2 |

Dimensions

| | |
|-----------------------------|-------|
| Depth of installed product | 65 mm |
| Height of installed product | 84 mm |
| Width of installed product | 50 mm |

Tripping

| | |
|----------|---------|
| Run time | 20 s/mm |
|----------|---------|

Measurement

| | |
|-----------------------------|--------------------------------|
| Reduced temperature setting | comfort temperature -2 to -8°C |
|-----------------------------|--------------------------------|

Materials

| | |
|------------|-----------------------|
| Colour | white |
| RAL colour | RAL 9010 - Pure white |

Mecanic features

| | |
|---------------------------|------|
| Maximum controller stroke | 6 mm |
|---------------------------|------|

Connection

| | |
|-------------------------------|--|
| Type of connection to the bus | TG008 connector |
| Bus coupling unit | with integral bus coupling unit |
| Bus connection | bus connection via connecting terminal |

| | |
|--------------------------------------|---------------------------------|
| Cable | |
| Pre-assembled cable | ≈ 1 m |
| Settings | |
| Supported configuration modes | system |
| Comfort temperature setpoint | 10 / 30 °C |
| Set force | >120 N |
| Equipment | |
| Detection of valve limit stops | Automatic |
| Heating | for heating or cooling mode |
| Safety | |
| Frost protection temperature setting | 3 / 10 °C |
| REACH conform | Yes |
| RoHS conform | Yes |
| Use conditions | |
| Operating temperature | 0...50 °C |
| Storage/transport temperature | -20...70 °C |
| temperatur | |
| Standby temperature setpoint | comfort temperature -0.5 to 4°C |
| Identification | |
| Main design line | KNX |