

KNX Alarm system

Locking unit

The motorised locking unit serves for the mechanical door lock. It prevents an unintended entering of armed security areas.

Can be cascaded for several doors.

Features:

- Robust housing of plastics and stainless steel
- Electrical and mechanical emergency operation
- Low noise
- Low stand-by current
- Integrated magnetic contact
- Acknowledge of the bolt position
- To be controlled with static or dynamic signals
- Simple adaption to the door frame
- One magnet and two counterparts are included in the delivery.

To be integrated into the signalling system of the Smart Panels by the KNX system via switching actuators (inputs and emergency opening) or via binary inputs / push-button interfaces (evaluation of the locking unit outputs and the integrated magnetic contacts) respectively.

Supply voltage 12 V DC, separate power supply

Technical data

Operating voltage: 7 ... 15 V DC

Current consumption

at rest: approx. 40 mA

Locking: max. 60 mA

Blocking: max. 120 mA

Permissible load of feedback outputs: 50 mA

Bolt way: 12 mm

Max. distance to counterpart: 8 mm

Closing / opening time: < 0.5 s

Permissible shearing force (at 8 mm distance to lock plate): 0.75 kN

Operating temperature: -25 ... +60 °C

Storing temperature: -40 ... +70 °C

Cable length: approx. 3.5 m

Dimensions

Housing 29 x 134 x 28 mm (W x H x D)

Stainless steel lock plate 20 x 175 x 2 mm (W x H x D)

Counterpart 1 approx. 16 mm Ø x 19 mm

Counterpart 2 approx. 20 mm Ø x 22 mm

Magnet approx. 8 mm Ø x 30 mm

Manufacturer: JUNG

Ref.-no.: DAS 4370