

|  | Order no. | Packing unit | PS |
|--|-----------|--------------|----|
|--|-----------|--------------|----|



Instabus KNX/EIB  
analogue actuator, 4-gang

|          |                |   |    |
|----------|----------------|---|----|
| DRA plus | <b>1022 00</b> | 1 | 26 |
|----------|----------------|---|----|

|   |  |
|---|--|
| <b>Product family:</b>  | Output   |
| <b>Product type:</b>  | Analogue output, 4-gang  |
| 4-gang DRA analogue actuator with integrated bus coupling converts KNX/EIB telegrams (1-byte and 2-byte) into analogue output signals. These analogue output signals enable heating, air conditioning and ventilation actuators to adapt their initial parameters based on bus information, and to participate in control processes. The 4 outputs are parameterised to voltage or current signals by the software. |  |
| Current signals:  | 0 to 20 mA, load $\leq 500 \Omega$<br>4 to 20 mA, load $\leq 500 \Omega$   |
| Voltage signals:  | 0 to 1 V, load $\geq 1 \text{ k}\Omega$<br>0 to 1 V, load $\geq 1 \text{ k}\Omega$<br>0 to 10 V, load $\geq 1 \text{ k}\Omega$   |
| Voltage outputs are monitored for short-circuits. The initial state is indicated by the status LED. The initial parameters can be restrained. Switch off outputs not required. Installation on DIN cap rail. The analogue actuator requires the power supply <b>1024 00</b> for supply.   |  |
| Number of outputs:  | 4  |
| Supply voltage:   | AC 24 V  |
| Connections:  | Instabus via connection and branch terminal <b>0595 00</b><br>Outputs, supply with screw terminals<br>0.5 to 4 mm <sup>2</sup> single-wire<br>0.34 to 4 mm <sup>2</sup> fine-wire without core jacket<br>0.14 to 2.5 mm <sup>2</sup> fine-wire with core jacket) |
| Protection type:  | IP 20  |
| Dimensions:   | DRA device, 4 depth modules  |

**Instabus connection and branch terminal 0595 00 → Page 377.**

|  | Order no. | Packing unit | PS |
|--|-----------|--------------|----|
|--|-----------|--------------|----|



Instabus KNX/EIB audio system  
audio actuator, 4-gang

|     |                |   |    |
|-----|----------------|---|----|
| DRA | <b>0531 00</b> | 1 | 06 |
|-----|----------------|---|----|

With the 4-gang audio actuator, the individual sound sources can be selected, or the sound and volume can be changed individually with the Instabus EIB. The audio actuator is mounted on a top-hat rail. It offers 4 independent outputs to which several output amplifiers can be connected. The audio actuator can supply up to four rooms with sound independently. A mute input enables the simultaneous muting of all audio outputs. If more than 4 mono or 2 stereo zones are required, several audio actuators can be cascaded. The other audio actuators are interconnected with the connection cable **0537 00**. The audio actuator requires a power supply unit **0535 00** or **0536 00** for operation.

Operating functions:

- Amplifier On/Off,
- Volume,
- Selection of source,
- Mandatory/zone call,
- Sound control: Bass, mid-range, treble, mandatory call and zone call

|                            |   |
|----------------------------|---|
| Operating voltage:         | 22 to 26 V DC   |
| Current consumption:       | 0.2 A   |
| Audio inputs:              | 8 mono or 4 stereo<br>Input voltage: 5 V AC/0.7 V AC (0 dB)<br>Input impedance: 100 k $\Omega$      |
| Audio outputs:             | 4 mono or 2 stereo<br>Output voltage:<br>5 V AC/0.7 V AC (0 dB)<br>Output impedance:<br>47 $\Omega$ |
| Switching output:          | 4 x 24 V DC, max 10 A   |
| Frequency response:        | Line: 30 Hz to 20000 Hz<br>Mic: 30 Hz to 16000 Hz   |
| Total harmonic distortion: | < 0,1 %   |
| Temperature range:         | +5 °C to +45 °C   |
| Dimensions:                | L x W x D 208 x 88 x 60 mm<br>DRA device with approx. 12 depth modules                              |

**Power supply unit, 24 V DC/5 A 0535 00 → Page 301.**

**Power supply unit, 24 V DC/10 A 0536 00 → Page 301.**

**Preamplifier, 8-gang 0530 00 → Page 300.**

**Connection cable 0537 00 → Page 301.**