# KeConnect DI 240/B, DI 260/A
## Digital input modules

### Product features

- Up to 16 digital inputs
- 2 digital inputs with interrupt
- Electronic parameter chip
- Configurable input filter





### Short description

The digital input module of the DI 2xx/x series enables the connection of 8 (DI 240/B) or 16 (DI 260/A) digital inputs. 24 V DC control signals are captured by the digital inputs and transmitted galvanically isolated to the higher-level automation device. In addition, two digital inputs can be used as interrupt inputs.

These modules are attached directly to a CPU module or can be operated with all KEBA controls by means of bus couplers.

| Digital inputs | | |
|---|---|---|
| | DI 240/B | DI 260/A |
| Number of inputs | 8 | 16 |
| Input type | Type 1 (acc. to EN 61131-2) | |
| Voltage range for "1" | 15 V ≤ UH ≤ 30 V | |
| Voltage range for "0" | -3 V ≤ UL ≤ 5 V | |
| Status display | Green LED | |
| Galvanic isolation | Yes, electric strength 707 V with isolated ground connection | |
| Cycle time | 1 ms | |
| Debouncing | Configurable 1 ms, 100 ms | |

| Interrupt inputs | |
|---|---|
| Number of inputs | 2 (DI0, DI1) of the digital inputs |
| Input type | Type 1 (acc. to EN 61131-2) |
| Voltage range for "1" | 15 V ≤ UH ≤ 30 V |
| Voltage range for "0" | -3 V ≤ UL ≤ 5 V |
| Response time of the K-bus interrupt | 100 µs with 5 kHz input filter |
| Status display | Green LED |
| Galvanic isolation | Yes |

| Dimensions, weight | |
|---|---|
| Height | 120 mm |
| Width | 22.5 mm front plate / 32.5 mm incl. K-bus plug |
| Depth | 100 mm |
| Weight | 130 g |

| Environmental conditions | |
|---|---|
| Operating temperature | +5 °C … +55 °C |
| Storage temperature | -40 °C … +70 °C |
| Relative air humidity | 10 % to 95 % (non-condensing) |
| Vibration resistance / shock resistance | Acc. to EN 61131-2 |

| General | |
|---|---|
| I/O supply voltage | 24 V DC from K-bus<br>5 V DC from K-bus |
| Overvoltage category | II |
| Protection class | III acc. to EN 61131-2 |
| Addressing on K-bus | Via 16-digit address switch, on the side |
| Type of terminals | Open - pitch 5.08 mm |
| Max. power consumption K-bus 24 V | 1 W |
| Max. power consumption K-bus 5 V | 0.4 W |