

# Z-PC-LINE **Z-D-IO**

8-CH 6 Digital input / 2 Digital output control module // RS485

**Z-PC LINE**

Special modules



- ▶ INPUT: N.6 Digital Input (reed, Proximity, PNP, NPN, contact, etc.)
- ▶ OUTPUT: N.2 Digital Output (SPST relays, 5A, 250Vac)
- ▶ FUNCTIONS:
  - I/O slave mode
  - Motor control mode
  - Pneumatic valve control mode
  - Motorised valve control mode
- ▶ Easy Dip-switch settings for function type
- ▶ Galvanic isolation @ 3,75 KV
- ▶ Screw-fit terminals removable
- ▶ Din rail mounting
- ▶ Power supply: 10..40 Vdc, 19..28 Vac

## TECHNICAL SPECIFICATIONS

### Z-D-IO - 8-CH 6 Digital input / 2 Digital output control module // RS485



#### SERIAL LINE ACCESSORIES

- **K107A** – RS485 ↔ RS485 isolator repeater
- **K107B** – RS232 ↔ RS485 converter
- **K107USB (S107USB)** – USB ↔ RS485 converters din rail mounting or portable version (S107USB)

#### GENERAL FEATURES

<b>Power supply</b>	10÷40Vdc, 19÷28 Vac
<b>Channels</b>	N.6 DI, N.2 DO
<b>Status indicators</b>	- Power - Fail - Communication on Rs485
<b>Galvanic Isolation</b>	-Output/Power supply and Output/Input at 3750 Vac - others at 1.500 Vac
<b>Hot swapping</b>	Yes
<b>Power consumption</b>	max 2,0 W
<b>Protections for inputs</b>	Against Surges: up to 4kV
<b>Humidity</b>	30..90% a +40°C (not condensing)
<b>Mounting</b>	35 mm DIN 46277

#### ORDER CODE

**Cod. Z-D-IO**

#### Accessories & Software

- **Cod. Z-PC-DINAL** – terminal block for power & RS485 communication
- **Cod. Z-PC-DIN2** – 2 slot block
- **Cod. Z-PC-DIN4** – 4 slot block
- **Cod. Z-PC-DIN8** – 8 slot block
- **Z-PROG / Z-NET3** - configuration software downloading from
- **PM001600** – programming cable (DB9 / jack stereo)

<b>Design</b>	Terminal housing for mounting on 35 mm DIN 46277
<b>Data memory</b>	EEPROM for all configuration data; storage time: 10 years.
<b>DIP Switch</b>	- Function type - alarm
<b>Enclosure</b>	"V0" self-extinguishing glass filled nylon case
<b>Dimensions</b>	17,5 x 100 x 112 mm (w x h x d)
<b>Weight</b>	150 g
<b>Operating temperature</b>	0..+55 °C
<b>Connections</b>	Plug-in screw clamp terminal blocks, wires up to 2.5 mm <sup>2</sup>
<b>IP Protection</b>	IP 20
<b>Standards</b>	EN50081-2 EN50082-2 EN61010-1
<b>Approvals</b>	CE, Rina

#### INPUT / OUTPUT

**6 opto-isolated inputs** for REED, PROXIMITY PNP, NPN, contact, etc. - Internal jumper for selecting internal or external power supply for the inputs.  
**2 SPST relay outputs** with common contact, capacity 5A 250Vac. Internal jumpers for selecting an NO or NC contact for each relay

#### INTERFACE

**Rs485 Modbus RTU slave:** 1200...115200 baud rate

#### FUNCTIONS

