

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

Power supply	10÷40Vdc, 19÷28 Vac
Channels	N.6 DI, N.2 DO
Status indicators	- Power - Fail - Communication on Rs485
Galvanic Isolation	-Output/Power supply and Output/Input at 3750 Vac - others at 1.500 Vac
Hot swapping	Yes
Power consumption	max 2,0 W
Protections for inputs	Against Surges: up to 4kV
Humidity	30..90% a +40°C (not condensing)
Mounting	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 www.seneca.it
- **PM001600** – programming cable (DB9 / jack stereo)

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

