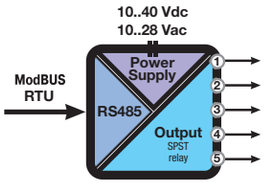


Z-D-OUT

5-CH DIGITAL OUTPUT MODULE / RS485 MODBUS RTU

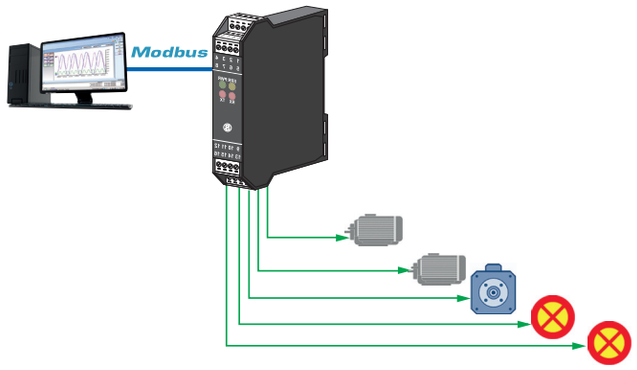


Z-D-OUT is 5 SPST relay output module with common line, capacity 5 A – 250 Vac resistive, 2 A inductive. The module has removable terminals with section of 2.5 mm2. Z-D-OUT offers possibility of setting relay safety status at start-up or without communication. Also the module allows safety time setting from 0,5 to 2,5 s. RS485 serial communication supports Modbus-Rtu protocol, maximum 32 nodes. Max 3-way isolation module is 1.500Vac.

TECHNICAL SPECIFICATIONS

Electrical Specifications	
Power supply	10..40 Vdc / 19..28 Vac / 50-60 Hz
Power consumption	1,5 W
Isolation	1.500 Vac (3 way)
Power transducers	Yes
Status Indicators	Power Fail Rx / Tx Active output
Protection Degree	IP20
Thermomechanical Specifications	
Operating Temperature	-10..+65 °C
Dimension (W x H x D)	17.5 x 100 x 112 mm
Weight	About 140 g
Enclosure	Nylon 6 with 30% glass-fiber, V0 self-extinguished class
Connections	-Removable terminals block, plug in connectors, max wire size 2,5 mm^2 -Rear IDC10 connector for Z-PC backplane
Mounting	35 mm DIN rail guide
Communication, Memory process	
Interface	2 wire RS485
Speed	Up to 57.600 bps
Protocol	ModBUS RTU slave
Communication Time	< 10 ms (38400 baud)
Distance	Up to 1.200 m
Connectivity	Max 32 nodes
Data Memory	EEPROM for the configuration parameters, retention time 10 years, N° 5 registers 16 bit, N° 5 bit overflow
Signals	
Channel Numbers	5
Type	SPST N.O. relay output with common line Max rated current: 5 A Max switching voltage: 250 Vac Relay working voltage: 24 Vdc Relay absorbed current: 9 mA Release time delay: 5 / 2 ms
Configuration	
DIP switches	Baud rate, node, parity, serial port, bit stop, termination line
Software	Z-NET3 (lec 61131) EASY Z-D-IN (plug&play)
Standard	
Approval	CE, RINA
Norms	EN 50081-2; EN 55011; EN 50082-2; EN 61000-2-2/4; EN 50140/141; EN 61010-1

APPLICATION NOTE



ORDER CODES

Code	Description
Z-D-OUT	5-CH Digital output module / RS485 ModBUS RTU, 10..40 Vdc / 19..28 Vac

ACCESSORIES & SOFTWARE



Z-PC-DIN
Backplane for power & bus communication
pg. 36



Z-SUPPLY
Switching power supply
pg. 36

Z-NET
IEC 61331 programming software
pg. 36

EASY SETUP
Plug&Play configuration software
pg. 36

SIMILAR PRODUCTS



Z-10-D-OUT
10-CH Digital Output module / RS485
pg. 13



Z-D-IO
8-CH, 6 digital input - 2 digital outputs control module
pg. 14



ZC-24-DO
24 CH digital output CANopen / ModBUS
pg. 29



ZC-16DI-8DO
16 CH digital input - 8 CH digital output CANopen / ModBUS
pg. 30

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000