



I/O DIGITAL INTERFACE - 8 INPUT RS485 MODBUS Slave

QE-8DI



I/O Digital Modbus Slave Interface, USB configurable, DIN rail mounting, 3-way galvanically isolated, universal power supply AC/DC, n°8 DIGITAL INPUT.



POWER SUPPLY	10..40 Vdc, 19-28 Vac, 50-60 Hz
OUTPUT	n°1 RS485 Modbus Slave
ABSORPTION	Maximum 1 VA
PROTECTION INDEX	IP 20
WORKING TEMPERATURE	-15...+65°C
STORAGE TEMPERATURE	-40°C... +85°C
ISOLATION	3 way: Digital inputs, serial output RS485 and Power supply, are galvanically isolated at 1,5 kV
HUMIDITY	10..90% not condensing
ALTITUDE	Up to 2000 m s.l.m.
MOUNTING	DIN rail mounting with removable terminals, RS485 bus and Supply connection ready on the base of module (connector not included, on request)
CONNECTIONS	Removable terminals 3,5 mm
CE STANDARDS	EN61000-6-4/2006 + A1 2011; EN64000-6-2/2005; EN61010-1/2010
DIMENSIONS	17,5 x 93 x 68 mm (terminals excluded)
CONFIGURATION	By free software FACILE QE-8DI to configure all of the conversion parameters via USB port or via RS485. Dip-switch for setting default baudrate
HOT SWAPPING	The module QE-8DI has HOT SWAPPING technology, this enables the module to be inserted and removed from the system without the need to restart the device Modbus Master connected to it

QE-8DI

DIGITAL INPUTS:

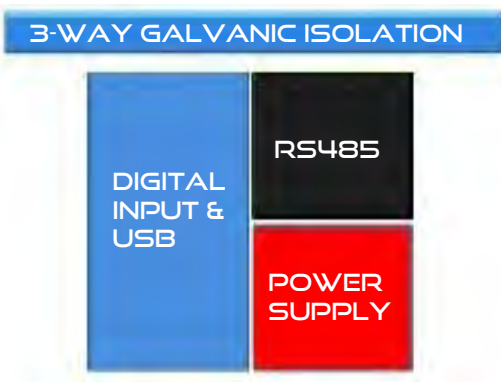
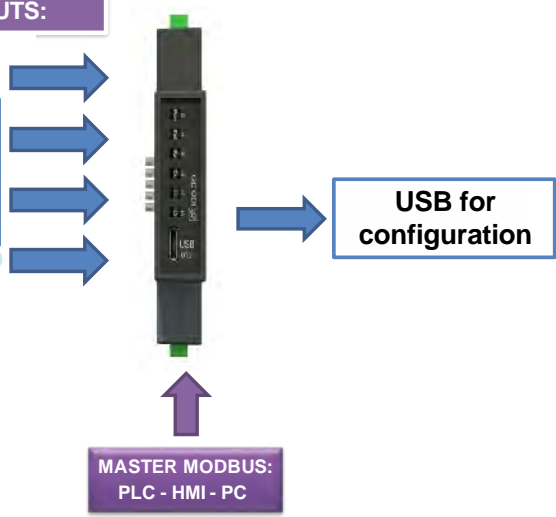
DIGITAL INPUTS: n°8. TYPES: PNP with common negative, n°8 counter/totalizer inputs at 32 bit, max frequency 10 kHz. Output 5 Vdc for detecting the presence of optomos contacts.

SERIAL COMMUNICATION:

- RS485 Modbus Slave;
- Bus connection on the base of module by adapter (option) or on terminals. Dip-switch for setting address and baudrate;
- Configuration over USB.

N°8 DIGITAL INPUTS:

All the inputs could be Totalizer or free contact



I/O DIGITAL INTERFACE - 8 INPUT RS485 MODBUS Slave

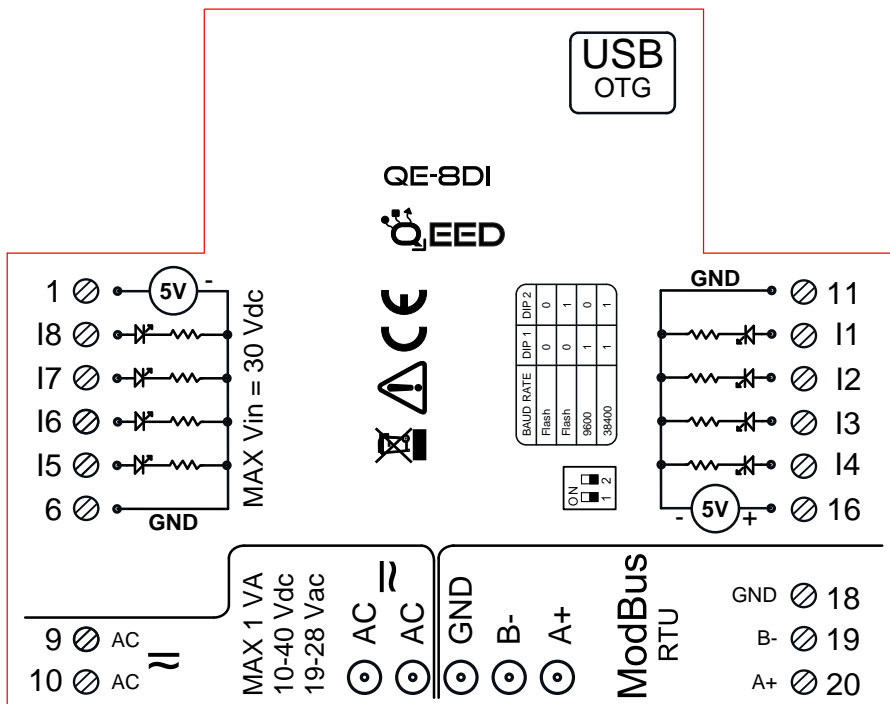


INSTRUCTION MANUAL QE-8DI

DESCRIPTION:

The QE-8DI is a slave module with n°8 digital inputs. Thanks to the presence of the RS485 serial port it can perform advanced functions such as I/O module with Modbus RTU protocol. The QE-8DI behaves as slave device providing an output at 5 V for the detection of Optomos contact. It also accept 24 Vdc as digital input.

ELECTRICAL CONNECTIONS:



POWER SUPPLY:

10...40 Vdc or 20...28 Vac - Connectors 9 and 10, or by T-BUS connector (optional tool) on the base of the module.

DIGITAL INPUTS:

the QE-8DI accepts the input pulses up to 10 kHz, from mechanical contact, REED, 24 V, PNP.

SERIAL OUTPUT RS485:

available on connectors 18 (GND), 19 (B-), 20 (A+), or by T-BUS connector to be mounted on the module.

T-BUS CONNECTION (OPTION), needs T-BUS connector:

serial communication and power supply can be taken on the T-Bus. The female connector for the T-Bus is 5-way with pitch 3,81 mm.