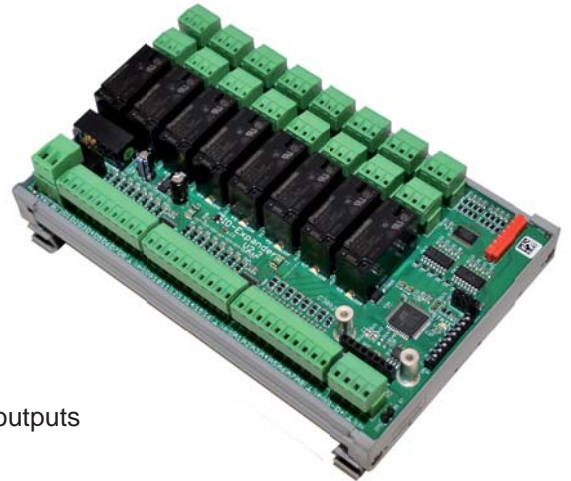


System component: I/O-RELAY-EXPANDER

The ITECNET I/O-Relay-Expander is an interface extension for ITECNET components. Each module is connected via ITEC BUS technology with the network component (Spider...).

Features

- Fully compatible with ITECNET components
- 8 additional potential-free relay outputs, 16 digital inputs and 8 analog inputs
- The relay outputs are 2-pole change over switches (DPDT)
- The optional relay extension board enables 8 more additional relay outputs

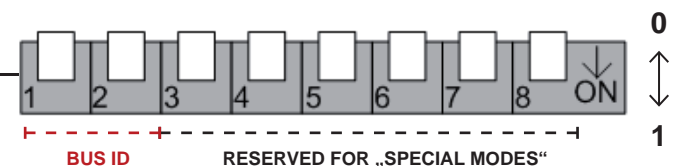


Device ID

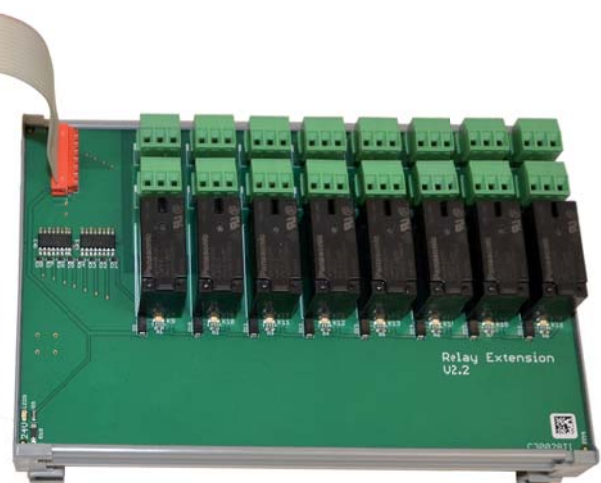
1	2	ID
0	0	10
1	0	11
0	1	12
1	1	13

Annotation

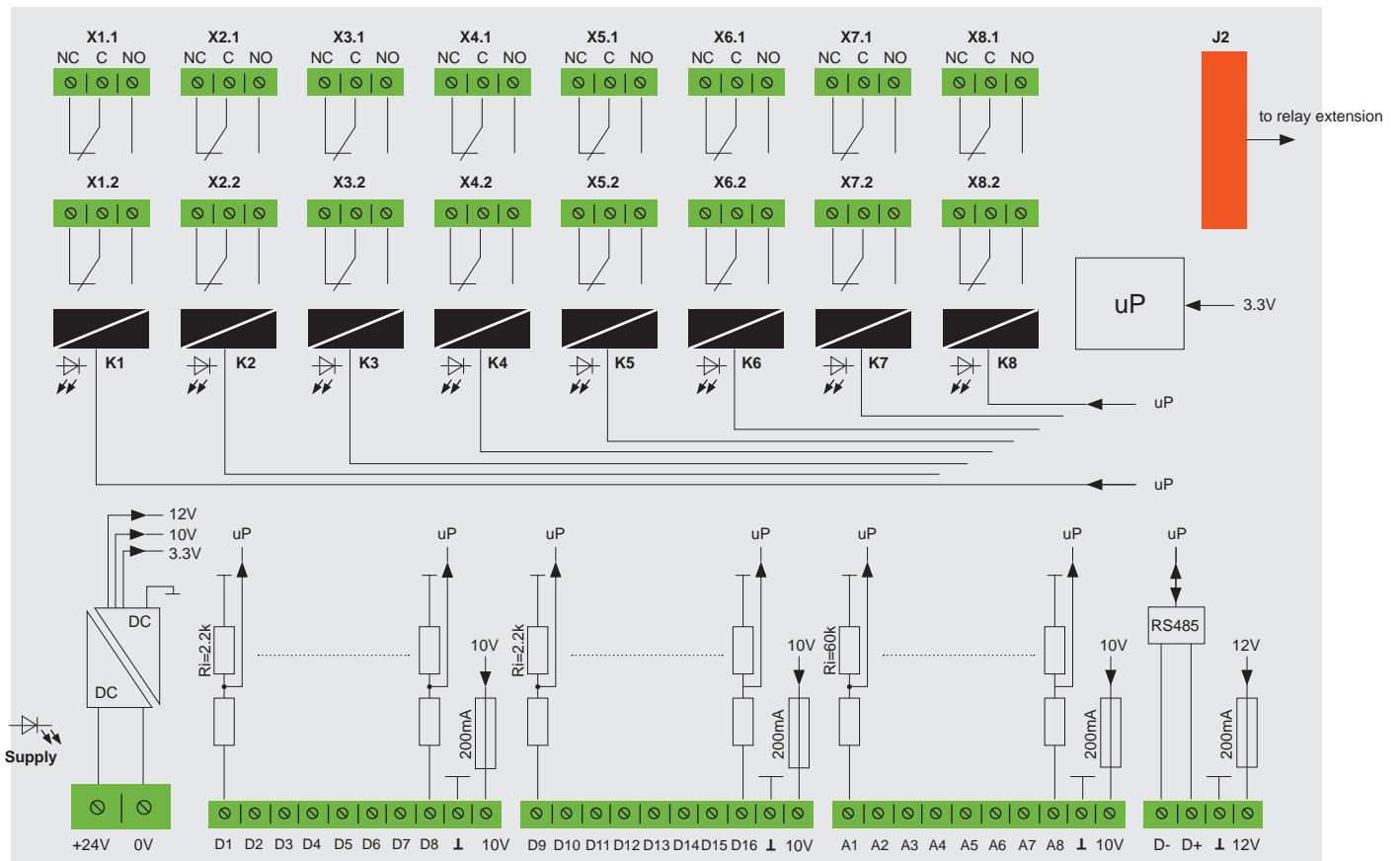
- Switches 3-8 are used for „special modes“ (see IO-Expander Manual)
- Switch 1-2 for the ID address
- Address must begin at 10 and must be assigned consecutively for further modules



I/O-RELAY-EXPANDER



OPTION: I/O-EXPANDER RELAY EXTENSION



I/O-RELAY-EXPANDER - SPECIFICATIONS

GENERAL	
External power supply	24 VDC (18 V < U < 36 V)
Power consumption	50 mA @24 V (200 mA max., if 8 relays „ON“)
Operating temperature	-5°C - +40°C
Dimensions (L x W x H)	162 mm x 106 mm x 47 mm
Weight	295 g
Mounting	Top hat rail DIN/EN60715 35 mm
SERIAL INTERFACES	
	RS485
	4 modules per bus via RS485 possible
DIGITAL INPUTS	
	16 digital inputs on pluggable terminal blocks
Input voltage	Low „0“ < 3 V / High „1“ > 7 V
Max. allowable voltage	30 VDC
Input impedance	ca. 2.2 kOhm
RELAIS-OUTPUTS	
	8 2-pole change over contacts (DPDT)
Max. external voltage	100 VAC (30 VDC)
Max. current per output	5 A
Isolation voltage	10 kV
ANALOG INPUTS	
	8 analog inputs on pluggable terminal blocks
Range	0 - 10 VDC
Resolution	8 bit
Input current (@10 V)	ca. 0.2 mA

All information without guarantee. Subject to technical changes.