



EPS 100 – network multi I/O controller with 8 inputs / 8 outputs

Specifications

Output contacts

Output type: 8 x Darlington transistors with common ground

Max. output voltage: up to DC 50V

Max. output current: up to 500 mA / 1 pin max., total power = 1W / 1 pin or 2,25W all pins

Inductive loads suppression: 8 x integral suppression diodes for inductive loads, common pin

Input contacts

Input type: 8 x binary optocoupled

Log. 0 input voltage: 0 ... 3V

Log. 1 input voltage and current: up to 40V / 50 mA / 1 second

Max. input voltage and current: up to 40V / 50 mA / 1 second

Isolation voltage: max. 50 V

Sampling period: 100 ms

Network interface

Interface: RJ45 10 BASE-T (10 Mbit or 10/100 Mbit network compatible)

Compatibility: Ethernet: version 2.0/IEEE 802.3

Supported protocols: IP: ARP, TCP

TCP connection closing: data timeout 50 ms

Serial port (function reserved)

Operation mode: RS-232 or RS-485

Data bits: 7 or 8 or 9

Stop bits, parity: 1 or 2, none / odd / even / mark / space parity

Baud rates: 50 ... 115.2 kBd – entire range, step = 50 Bd

Data flow control: XON/XOFF, CTS/RTS, none

Interface: 1 x DB9M (Rx, Tx, RTS, CTS, GND)

Used RS-232 signals: Rx, Tx, RTS, CTS (DTR output – defined voltage level only)

Diagnostic LEDs: power, link, activity

Power source: 8 ~ 24 V DC, 200 mA typical

Ambient temperature: 0°C ~ +50°C

Dimensions: 95 (W) x 38 (H) x 128 (D) mm

Weight: 395 g