Expert Net Control 2301

Remote I/O System with 4 switchable relay outputs and 8 passive signal inputs for DIN-rail mounting

Features

- 4 switchable, potential-free relay outputs, switching voltage 230 V AC 16 A / 24 V DC, 10 A
- All relay outputs individually switchable directly on the device, via HTTP, command line tool and RS232 serial interface
- Status and Power-up delay (0...9999 seconds) adjustable individually for each output after power blackout
- Simultaneous power-up of multiple Power Ports prevented by latency time of 1 second
- 4-channel watchdog to monitor connected consumers (ICMP/TCP)
- Bicoloured LEDs on front panel display status information of inputs/outputs
- 8 passive inputs for monitoring NO and NC devices, e.g. door contacts, smoke detectors etc.
- Interface for optional sensor for environmental monitoring (temperature and humidity)
- Power supply via external DIN rail unit (not included in delivery)
- Programmable turn-on/turn-off sequence
- Firmware update via Ethernet during operation
- HTTP 1.1, e-mail, DHCP, SNMPv1 (Traps), SNMPv2c (Traps), Syslog
- Access control via IP Access Control List
- Access control via optional HTTP password
- Android and iOS app Gude Control allows access from anywhere
- Low power consumption, max. 2 W
- Compatible to products of Solar-Log
- Developed and manufactured in Germany

Electrical Connections

- Terminal clamps for power supply with 230 V AC or 24 V DC
- 4 switchable outputs (terminal clamp)
- 8 passive signal inputs (terminal clamp)
- Ethernet connector RJ45 (10/100 Mbit/s)
- Mini-DIN connector for optional sensor or serial interface (RS232)

Technical Details

- LxHxD: 10.5 x 7 x 9 cm
- Weight: ca. 300 g
- Operating temperature: 0-50 °C
- Storage temperature: -20 - 70 °C
- Relative humidity: 0 - 95 % (non-condensing environment)

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<tr>
<th>Order code</th>
<th>Product Description</th>
<th>Feature</th>
<th>Power supply</th>
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<tr>
<td>2301</td>
<td>Expert Net Control 2301</td>
<td>4 switchable outputs, 8 passive signal inputs, 1 sensor or RS232 interface</td>
<td>230 V AC or 24 V DC</td>
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<tr>
<td>7001</td>
<td>Temperature Sensor 7001</td>
<td>-20°C to +80°C</td>
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<tr>
<td>7002</td>
<td>Temp./Humidity Sensor 7002</td>
<td>-20°C to +80°C / 0-90% humidity</td>
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<tr>
<td>7902</td>
<td>DIN Rail Power Supply Unit 7902</td>
<td>Power supply unit for DIN rail, 230 VAC / 12 VDC 1250 mA (not included in delivery)</td>
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<td>7990</td>
<td>RS232 Adapter Cable 7990</td>
<td>Connector cable for RS232 to mini-DIN 6, length ca. 2.3 m</td>
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