Remote Service Module
Industrial router
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Industrial router

General data
- Voltage V (DC) 10 – 30 V DC (SELV and Limited Energy circuit)
- Power consumption max. 250 mA @ 24 V
- IP protection class IP 20
- Area of application: Dry environments
- Operating temperature 0 – 50 °C
- Operating temperature HW1*: -40 – 75 °C
- Storage temperature -20 – 60 °C
- Storage temperature HW1*: -40 – 85 °C
- Humidity 0 – 95% (non condensing)
- Dimensions (max.) 69 mm x 38,5 mm x 92,5 mm (WxDxH)
- Weight (max.) 240 g
- Mounting DIN rail mounting (based on DIN EN 50022)

* HW1 designates the extended temperature range.
You can find the hardware version on the device nameplate.

Interfaces / Communication

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Interface specification

| LAN interface 1 | 0/100 Mbit/s full and half duplex operation, autodetection patch cable / crossover cable |
| WAN interface 1| 10/100 Mbit/s full and half duplex operation, autodetection patch cable / crossover cable |
| USB interface 1| USB Host 2.0 |
| Digital inputs | 10 – 30 V DC (low 0 – 3,2 V DC, high 8 – 30 V DC) |

VPN
- VPN protocol: OpenVPN, 1 tunnel
- Encryption method: Blowfish
- Encryption algorithm: MD5, SHA1
- Authorization: Pre-Shared-Key, X.509

Network / Security
- Firewall: 1:1 NAT, IP-Filter, Port-Forwarding, stateful inspection
- IP router: NAT-IP, TCP/IP routing, IP forwarding
- Services: DHCP client, NTP client
- Time synchronization: NTP server

Communication 3G
- Target region: Global
- GSM / GPRS / EDGE: 850, 900, 1800, 1900 MHz; downlink max. 296 kbps, uplink max. 236,8 kbps
- HSxPA: 800/850, 900, AWS 1700, 1900, 2100 MHz; downlink max. 21 Mbps, uplink max. 5,76 Mbps
- FCC: FCC ID: R17HE910
- TAC: 35613607

General approvals
EN 61000-6-4:2011-9; EN 61000-6-2:2006-3; EN 60950-1:2014-08; ETSI EN 300 328 V1.8.1 (2012-06)
Electromagnetic compatibility and Radio spectrum Matters (ERM)

Reference to order

<table>
<thead>
<tr>
<th>Reference</th>
<th>Industrial router WAN</th>
<th>€ 525,-</th>
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<td>9020655</td>
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http://www.somfy.com/projects