

Unmanaged Switch PROmesh U3

PROmesh U3



Art.-Nr.: 114110130

HIGHLIGHTS



1 LWL MM Port



Industry Applications

- PROFINET



Country approvals

- CE | UKCA



Performance

- Memory: 1 Mbit
- Backplane capacity: 1 Gbit/s
- Throughput: 0,74 Mpp



Sustainability

- Lead-free
- Lowpower consumption

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Technical details

| Network interfaces | |
|---|-------------------------------|
| RJ45 Ports | |
| ■ Interfaces | 2 |
| ■ Transmission rates | 10 Mbit/s 100 Mbit/s |
| ■ Status LED | Link + Data communication |
| LWL Multimode Port | |
| ■ Interfaces | 1 |
| ■ Transmission rates | 100 Mbit/s |
| ■ Status LED | Link + Data communication |
| Supply voltage, current consumption, power dissipation, alarm contact | |
| Connections | |
| ■ Power supply | 2 x 0,2 – 2,5 mm ² |
| ■ Functional earthing | 1 x 0,2 – 2,5 mm ² |
| Operating parameters | |
| ■ Supply voltage (nominal value) | 24 VDC |
| ■ Supply voltage (min.) | 12 VDC |
| ■ Supply voltage (max.) | 48 VDC |
| Environmental conditions | |
| ■ Operating temperature | -40°C ... +75°C |
| ■ Storage temperature | -40°C ... +85°C |
| ■ Humidity, rel. | <95% RHD, non-condensing |
| Design, Dimensions, Weights | |
| ■ Design | kompakt, passive Kühlung |
| ■ Material (housing) | Blechbiegegehäuse, lackiert |
| ■ Mounting | 35 mm DIN-rail (0°, 90°) |
| ■ Width | 35 mm |
| ■ Height | 110 mm |
| ■ Depth | 95 mm |
| ■ Mounting distance (Vertical) | 20 mm |
| ■ Mounting distance (horizontal) | 20 mm |
| Further device interfaces | |
| ■ Status LED | PWR |
| ■ Reset | Button |
| Functions | |
| Basic parameters | |
| ■ Switching Technology | Store & Forward |
| ■ MAC address table | 2 K |
| ■ Packet memory | 1 Mbit |
| ■ Backplane capacity | 1 Gbit/s |
| ■ Throughput | 0,74 Mpps |

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Technical details

| Application-specific | |
|---|----------------|
| Protocols/Services | |
| <ul style="list-style-type: none"> PROFINET Conformity Class | A |
| Standards, guidelines, approvals | |
| EMC | |
| <ul style="list-style-type: none"> Directive | 2014/30/EU |
| <ul style="list-style-type: none"> interference emission | EN 55032 |
| <ul style="list-style-type: none"> noise immunity | EN 61000-6-2 |
| Mechanical stability | |
| <ul style="list-style-type: none"> Vibration | IEC 60068-2-6 |
| <ul style="list-style-type: none"> Shock | IEC 60068-2-27 |
| <ul style="list-style-type: none"> Free Fall | IEC 60068-2-32 |
| Approval | |
| <ul style="list-style-type: none"> Europe | CE/UKCA |
| Environment | |
| <ul style="list-style-type: none"> RoHS | 2011/65/EU |
| <ul style="list-style-type: none"> REACH | 1907/2006/EG |

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Technical Drawing

