

net4more switchMODULE PoE

switchMODULE for net4more system

Product description

- Component of the net4more system
- 4 independent inputs for floating contacts
- For connecting standard momentary-action switch or switches
- Max. 5 m cable length to the wallswitches
- Power supply via PoE
- PoE IEEE 802.3af (15.4 W)
- net4more articles are part of the net4more toolbox consisting of hardware and software and can be ordered with the system via your local sales team
- 5-year guarantee



Standards, page 3

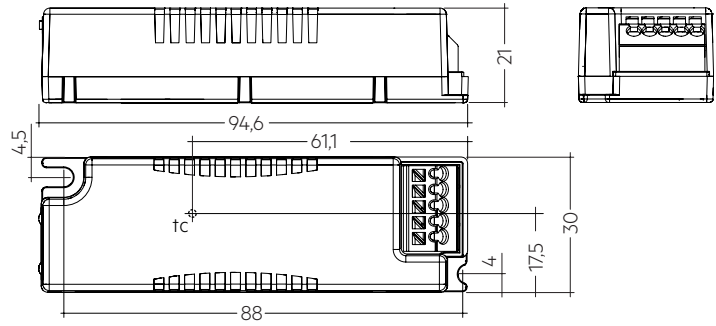


net4more switchMODULE PoE

switchMODULE for net4more system

Technical data

| | |
|----------------------------|--|
| Supply via | PoE |
| PoE standard | IEEE 802.3af (15.4 W) |
| Power consumption via un.c | 1 W |
| Input | 4 momentary-action switches (potential free) |
| Operating temperature | -25 ... +60 °C |
| tc point | 80 °C |
| Storage temperature | -40 ... +80 °C |
| Dimensions L x W x H | 94.6 x 30 x 21 mm |
| Type of protection | IP20 |



Ordering data

| Type | Article number | Packaging, carton | Weight per pc. |
|------------------------|----------------|-------------------|----------------|
| net4more switchMOD PoE | 28001578 | 120 pc(s). | 0.039 kg |

1. Standards

EN 60950-1
 EN 61347-1
 EN 61347-2-11
 EN 50364
 EN 55024
 EN 55032
 EN 300330 V2.1.1
 EN 301 489-1 V2.1.1
 EN 301 489-3 V2.1.1
 UL 60950-1 Edition 2

1.1 Glow wire test

according to EN 61347-2-11 with increased temperature of 850 °C passed.

2. Common

2.1 net4more switchMODULE PoE

This switchMODULE is the interface to a common wallswitch talking to the net4more system.

Up to 4 wallswitches with 5 m cables length can be connected to the switchMODULE.

3. Thermal details and life-time

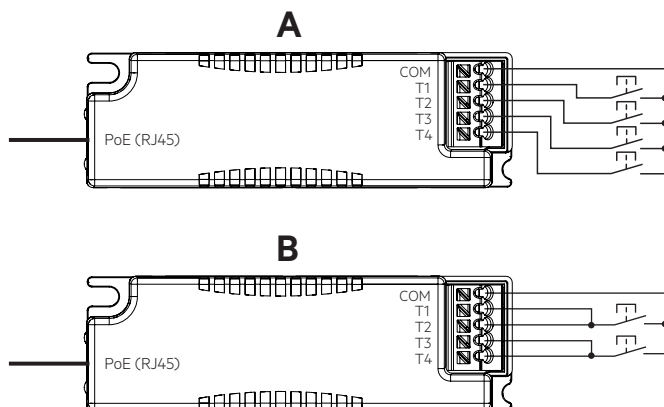
3.1 Expected life-time

| Expected life-time | | | | |
|------------------------|-----------|-----------|----------|----------|
| Type | ta | 40 °C | 50 °C | 60 °C |
| net4more switchMOD PoE | tc | 60 °C | 70 °C | 80 °C |
| | Life-time | 150,000 h | 80,000 h | 50,000 h |

The device is designed for a life-time stated above under reference conditions and with a failure probability of less than 10 %.

4. Installation / wiring

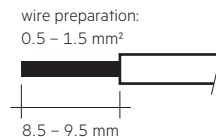
4.1 Circuit diagram



4.2 Wiring type and cross section

The wiring can be solid wire or stranded wire with end sleeve with a cross-section of 0.5 mm² to 1.5 mm².

Maximum cable length between momentary-action switch and switchMODULE is 10 m.



4.3 Ethernet cable

Ethernet cable using standard Cat.5e or higher must be used.

4.4 Installation note

Max. torque at the clamping screw: 0.5 Nm / M4

5. Miscellaneous

5.1 Additional information

Additional technical information at www.tridonic.com → Technical Data

Guarantee conditions at www.tridonic.com → Services

Life-time declarations are informative and represent no warranty claim. No warranty if device was opened.