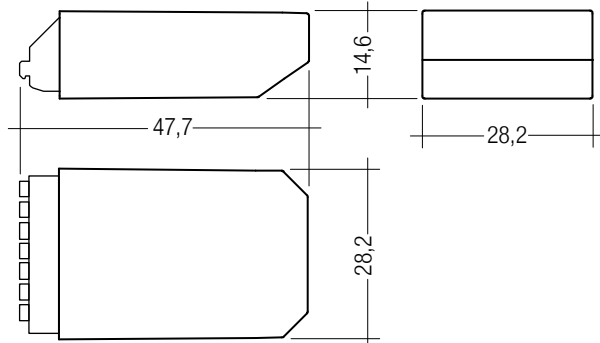


DALI XC G3 CWM 30 DA2

DALI-2 control module with switch inputs

**Ordering data**

| Type | Article number | Packaging, carton | Weight per pc. |
|-----------------------|----------------|-------------------|----------------|
| DALI XC G3 CWM 30 DA2 | 28002877 | 60 pc(s). | 0.087 kg |

Technical data

| | |
|---|---------------------------------------|
| Supply via | DALI-2 |
| Supply voltage ^① | 9,5 – 22,5 V |
| Current draw ^② | max. 6 mA |
| Input | 4 momentary-action switches or relays |
| Ambient temperature ta | 0 ... +60 °C |
| tc point | 65 °C |
| Storage temperature ts | -25 ... +60 °C |
| Humidity | 20 ... 90 % not condensed |
| Starting time | ≤ 6 s |
| Type of protection | IP20 |
| Mounting | Mounting box 60 x 61 (ø x d) |
| Housing material | Polycarbonate |
| Housing colour | Light grey, similar to RAL 7035 |
| Dimensions L x W x H | 47,7 x 28,2 x 14,6 mm |
| Lifetime | up to 50,000 h |
| Guarantee (conditions at www.tridonic.com) | 5 Year(s) |

Approval marks**Standards**

EN 61347-1, EN 55015, EN 61347-2-11, EN 61547, EN 62386-101, EN 62386-103, EN 62386-301

① Uin acc. IEC 62386-101.

② Products produced before 9th May 2022 max. 10 mA.

1. Standards

EN 61347-1
EN 55015
EN 61347-2-11
EN 61547
EN 62386-101
EN 62386-103
EN 62386-301
EN 62386-332

1.1 DALI note



Device is developed according to DALI Standard EN 62386-101 Ed.2, also known as DALI-2.

To be able to use the device in such installation, an application controller is necessary.

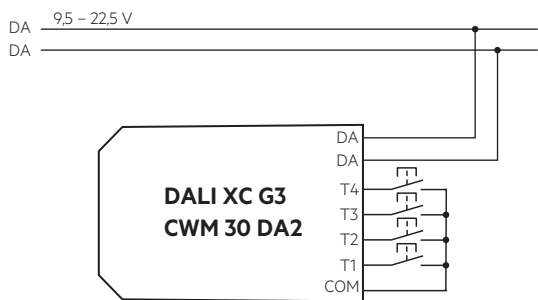
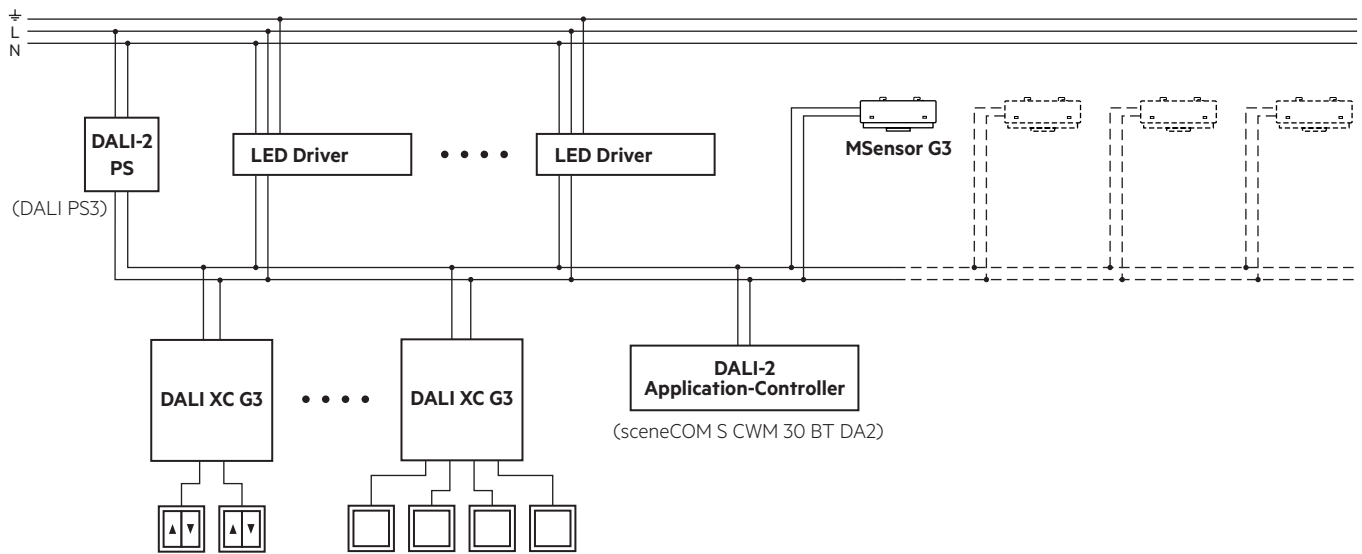
1.2 Glow wire test

according to EN 61347-2-11 passed for temperatures up to 850°C.

2. Installation

- Device can be inserted into the mounting box for the momentary switch.
- Device must not be connected to the mains. It is supplied directly via the DALI-2 signal line.
- The momentary switches are connected directly to the device (potential free contacts) and must not be connected to the mains.
- DALI-2 signals are not SELV. Therefore the same procedures should be applied as working with mains voltage.
- Only one momentary switch each device output.
- Multiple devices can be used on the same DALI-2 network.

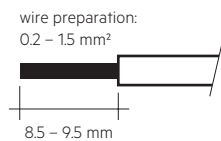
2.1 Connection diagrams



2.2 Wiring type and cross section

For wiring use stranded wire with ferrules or solid wire from 0.2 to 1.5 mm². Maximum cable length between momentary switch and device is 50 cm.

Connecting wires are supplied inside the package.



2.3 Terminals

- Orange = DALI D1 and D2
- Grey = Push button inputs T1 – T4
- Purple = Push button common

2.4 Terminal and instance description

Device supports the full push button functionality according to IEC62386-301. The device has 4 button terminals. These correspond to the 4 implemented DALI 301 instances:

| Terminal | Instance nr. |
|----------|--------------|
| T1 | 0 |
| T2 | 1 |
| T3 | 2 |
| T4 | 3 |

4. Miscellaneous

4.1 Disposal



According to the WEEE directive return old equipment at appropriate collection facilities.

4.2 Additional information

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

Guarantee conditions at www.tridonic.com → Services

Lifetime declarations are informative and represent no warranty claim. No warranty if device was opened.