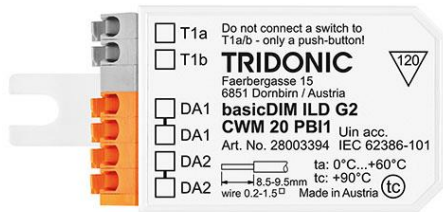


**basicDIM ILD G2 CWM 20 PBI1**

Push Button Interface (PBI) for ILD G2 system

**Product description**

- \_ Push Button Interface (PBI) for ILD G2 and ILD G2 FSL system
- \_ Flexible configuration via the ILD G2 and ILD G2 FSL in combination with the companionSUITE
- \_ Short push button action: automatic / fade off (factory default)
- \_ Long push button action: dim up / dim down (factory default)
- \_ Double push button action: set new target value for light regulation (factory default)
- \_ Through-wiring DA1 / DA2 possible
- \_ Detachable mounting flaps, allow installation in flush-mounted boxes and luminaires

**Note**

- \_ A permanent short circuit between T1a and T1b results in limited function
- \_ Only push buttons can be used

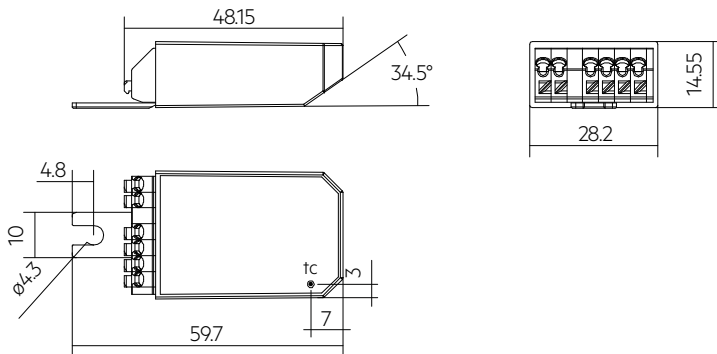
**Website**

<http://www.tridonic.com/28003394>



**basicDIM ILD G2 CWM 20 PBI1**

Push Button Interface (PBI) for ILD G2 system



**Ordering data**

Type	Article number	Packaging, carton	Weight per pc.
basicDIM ILD G2 CWM 20 PBI1	28003394	15 pc(s).	0.012 kg

**Technical data**

Supply via	DALI PS
Supply voltage	14 – 20.5 V
Current draw active <sup>①</sup>	max. 250 mA
Current draw passive	0 mA
Input	1 momentary-action switch
Ambient temperature $t_a$	0 ... +60 °C
tc point	90 °C
Storage temperature $t_s$	-25 ... +60 °C
Humidity	20 ... 90 % not condensed
Starting time	≤ 1 s
Type of protection	IP20
Type of installation	Mounting box 60 x 61 (ø x d)
Housing material body	Polycarbonate
Housing colour body	White
Dimensions L x W x H	59.7 x 28.2 x 14.55 mm
Lifetime	up to 50,000 h

**Approval marks**



**Standards**

EN 55015, EN 61347-2-11, EN 61547

<sup>①</sup> The max. current consumption is depending on used power supply.

## 1. Standards

EN 55015: 2013  
 EN 61347-2-11  
 EN 61547: 2009

### 1.1 Glow wire test

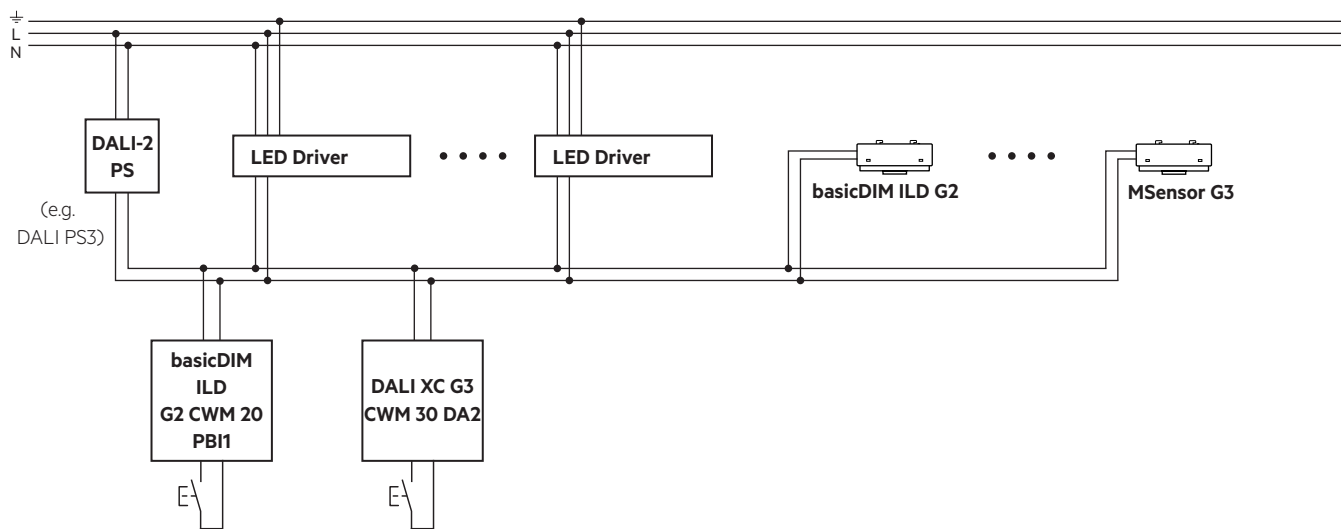
according to EN 61347-2-11 passed for temperatures up to 850°C.

## 2. Installation

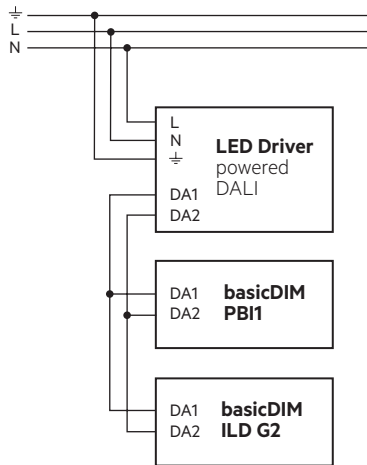
- Device can be inserted into the mounting box for the momentary switch.
- Device must not be connected to the mains. It is supplied directly via the DALI signal line.
- The momentary switch is connected directly to the device (potential free contacts) and must not be connected to the mains.
- DALI signals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

### 2.1 Connection diagrams

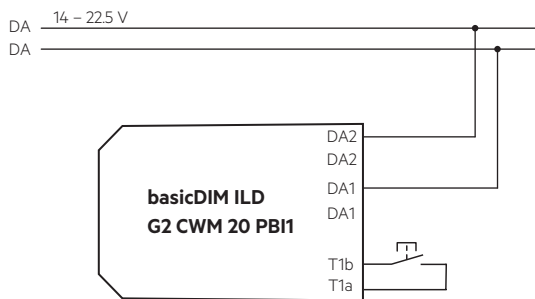
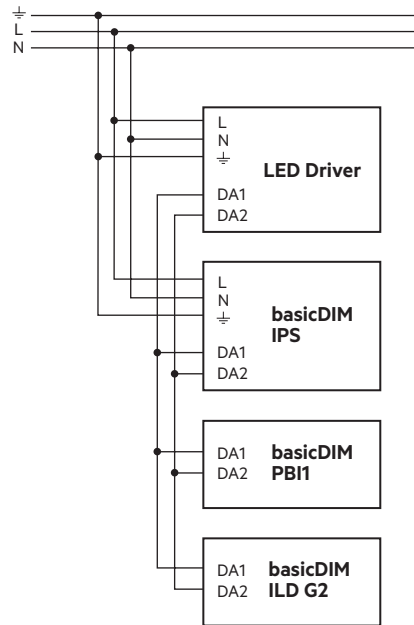
#### Room application:



**Single / free-standing luminaires, driver with integrated power supply (DALI):**

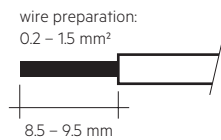


**Single / free-standing luminaires, driver with separate power supply (DALI):**



**2.2 Wiring type and cross section**

For wiring use stranded wire with ferrules or solid wire from 0.2 to 1.5 mm<sup>2</sup>.  
 Maximum cable length between momentary switch and device is 100 cm at 1.5 mm<sup>2</sup>.  
 Maximum cable length DALI is 100 m at 1.5 mm<sup>2</sup>.  
 The maximum cable length between PBI, ILD G2 and DALI power supply must not exceed 15 meters.



**2.3 Terminals**

Orange = DALI D1 and D2  
 Grey = Push button input T1a – T1b

**3. Possible push button configuration**

Short Press	Long Press	Double Press
Automatic mode	Dimming up	Set target value
Recall max. level	Dimming down	No function
Off	Dimming up / dimming down	
Recall max. level / off	No function	
On with fade		
Off with fade		
Automatic mode / off with fade		
No function		

**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](http://www.tridonic.com) → Technical Data

Guarantee conditions at [www.tridonic.com](http://www.tridonic.com) → Services

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