

BRIDGE DALI 0-10V PLC DC STR Ip

Bridge to convert 0...10 V and DALI into power line communication for DC-String system

**Product description**

- _ Bridge for converting analogue signals or digital DALI / DALI-2 signals into PLC for DC-String dimming
- _ Note: Due to PLC technology the bridge only works with Tridonic 48 V DC string LED drivers (in combination with 48 V LMI DC boards). Error-free operation with 48 V Drivers from other manufacturers is not guaranteed.
- _ For connecting dimmable DC-String LMI LED driver in 0...10 V or DALI control systems
- _ In delivery condition 0 ... 10 V is active (for details see data sheet chapter 4.1)
- _ For a maximum of 20 DC-String LMI LED driver / addresses
- _ On/off switching via DC-STR UNV FO Driver 0...10V or DALI
- _ For the "group dimming" functionality by using standard 0...10 V dimmers or individual dimming using DALI
- _ Class 2 control device
- _ Casing: polycarbonate, white
- _ 5 years guarantee (conditions at www.tridonic.com)

Website

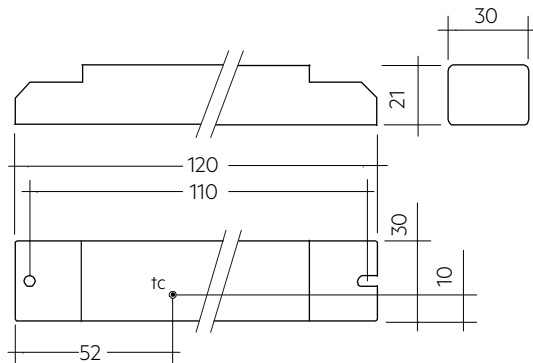
<http://www.tridonic.com/28003419>



BRIDGE DALI 0-10V PLC DC STR Ip

Bridge to convert 0...10 V and DALI into power line communication for DC-String system

The complete data sheet for this product is available in the Downloads section.

**Ordering data**

Type	Article number	Packaging, carton	Weight per pc.
BRIDGE DALI / 0-10V PLC DC-STR Ip	28003419	10 pc(s).	0.038 kg

Technical data

Rated voltage range DC	45 – 54 V
Rated current (at 48 V DC) ①	< 15 mA
Power consumption	< 0.7 W
On / off switching cycles	50,000
Ambient temperature t_a (at lifetime 50,000 h)	-25 ... +60 °C
Max. casing temperature t_c	65 °C
Guarantee	5 Year(s)
Dimensions L x W x H	120 x 30 x 21 mm

Approval marks**Standards**

UL 8750, CSA C22.2, FCC PART 15, EN 61347-1, EN 61347-2-11, EN 55015, EN 61547

① Only compatible with Tridonic's 48 V DC-String system.