

Datasheet PBI108/4/2

## **EAE DALI Push Button Interface**

*All you need is EAE*



### General Description



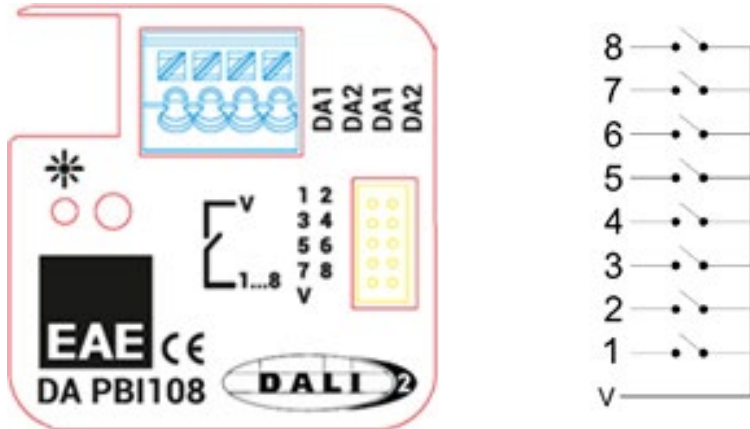
- 8 / 4 / 2 binary inputs as DALI-2 IEC 62386-301 Input devices - Push button instances
- Device power supplied only via DALI line
- Color-coded input cables
- Compatible with conventional push buttons in flush-mounted sockets
- The bus connection is enclosed DALI connection terminal
- Bus connection is protected against accidental mains (110V/230V) connection
- Compatible with deep flush-mounted outlet boxes. (60mm x 60mm)
- Compatible with following DALI-2 standards
  - Control device (IEC 62386-103 v2.0)
  - Push button (IEC 62386-301 v2.0)

Product Name	Number of inputs	Part / Order Number	GTIN
DA-PBI108	8	48191	8682780770001
DA-PBI104	4	48190	8682780770018
DA-PBI102	2	48189	8682780770025

### Technical Data

<b>Protection type</b>	IP 20	EN 60529
<b>Safety class</b>	II	EN 61140
<b>Power supply</b>	Voltage	9.5V... 22.5V DC
	Bus current drawn	< 3 mA (guaranteed by design)
	Start-up time	< 0.5 s
	Protection	Mains connection protected
<b>Inputs</b>	Number	8 / 4 / 2
	Maximum Cable length	≤ 10 m
	Scanning voltage	3.3 V DC (Supplied by device)
	Contact type	Normally Open (Default) → NO/NC individually configurable through memory bank
	Debounce	30 ms (Default) → 5...255 ms globally configurable through memory bank
<b>Connections</b>	Input	2 x 5 core screw-type terminal
	DALI	Bus connection terminal
<b>Temperature range</b>	Ambient	-5 °C ... 45 °C
	Storage	-25 °C ... 55 °C
<b>Dimensions</b>	42,5 x 42,5 x 12mm	
<b>Box</b>	Plastic, polycarbonate, color grey	
<b>CE</b>	In accordance with the EMC guideline and low voltage directives.	

### Connection Example



Pin Number	Description
V	Common terminal for inputs, 3.3 V DC supplied by device.
1 ..... 8	Volt-free contact inputs

### Scale Drawings

