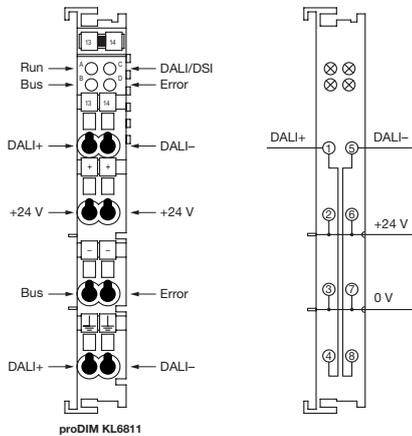


proDIM KL6811



Terminal	
1 and 5 or 4 and 8	DALI bus
2 and 6	not in use
3 and 7	not in use



The proDIM product family is used in conjunction with winDIM@net software to perform lighting management tasks. The proDIM product portfolio provides the hardware basis for the winDIM@net lighting management system. proDIM BC9000 is the central controller – a central modular gateway (translation module from TCP/IP to field level).

The combination of winDIM@net lighting management software on the server and the modular gateway/communication system enables communication to take place via standard Ethernet (TCP/IP) with DALI, actions to be triggered and status information to be received from the DALI bus.

The proDIM KL6811 DALI terminal provides the proDIM bus system, which is controlled via winDIM@net, with a functional interface for

integrating standard DALI components such as PCA EXCEL one4all, TE one4all, and DALI LED converters). With the proDIM KL6811 DALI terminal it is therefore possible to query standard DALI inputs, link them with the winDIM@net control software and access appropriate functions. The necessary configuration of the terminal is set up in the winDIM@net control software.

- Up to 64 DALI control units can be connected
- Operated on the plug-in terminal system of bus controller proDIM BC9000
- Parametrisation via a PC (via proDIM BC9000 and RJ-45) with winDIM@net software
- proDIM KL6811 operates independently of a field bus
- Integrated DALI bus power supply

**Approvals:**

- EN 60068-2-6
- EN 60068-2-27/29
- EN 61000-6-2
- EN 61000-6-4

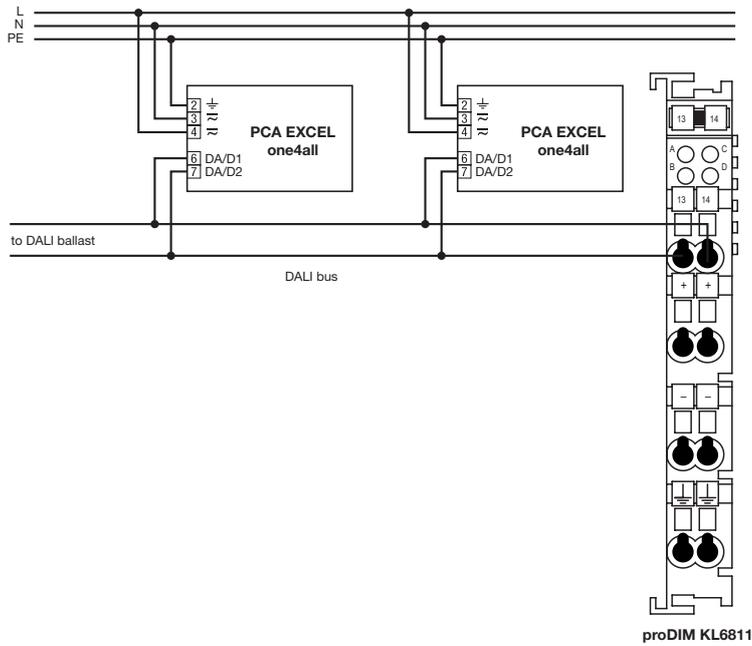
**Glow-wire test**

according to EN 60598-1 passed.

Type	proDIM KL6811
Article number	24035840
Input voltage	24 V DC (via BC9000)
Current consumption via BC9000	95 mA
Number of outputs	1
max. number of analogue inputs for each BC9000	10
max. DALI bus current	130 mA
max. DALI addresses	64
max. DALI groups	16
max. DALI scenes	16
Open-circuit voltage	11.5–15 V
Resistance to overvoltage (effective)	275 V AC permanent load
Operating temperature	0 to +55 °C
Storage temperature	-25 to +85 °C
Weight	approx. 60 g
Dimensions L x W x H	100 x 12 x 70 mm
Relative humidity	95 %, no condensation
Mounting	on DIN rail
Installation position	variable
Protection type	IP 20

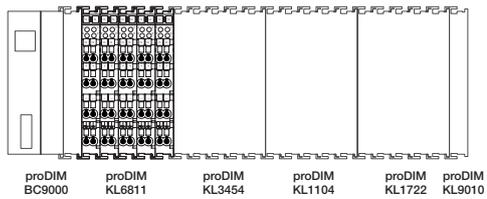
Meaning of LED displays

LED	No	Color	Meaning
RUN	A	green	RUN
Bus	B	green	Bus Activity if LED is blinking; check for DALI bus shortcut if LED is permanent on
DALI	C	green	LED on: internal DALI power supply is switched on LED off: internal DALI power supply is switched off and there is no external one
Error	D	red	Internal DALI supply overloaded, Bus shortcut is not shown



Wiring example proDIM KL6811 with PCA EXCEL one4all

Terminal order:



① For further technical information please visit [www.tridonicatco.com](http://www.tridonicatco.com)