



Product description

- DALI bus power supply unit
- Maximum supply current allowed on a DALI line in total: 250mA
- Suitable to power a DALI-line with up to 15 standard DALI ballasts
- Suitable for back box installation and integration in protection class II devices
- Power supply range 110Vac ... 240Vac for worldwide use
- Surge immunity up to 400V



Technical information

input: L, N

input type	mains power supply
marking input terminals	L, N
input voltage range	110Vac ... 240Vac
max. input supply current	5-10mA
input supply frequency	50Hz / 60Hz
power consumption max.	1W
startup time	250ms

output: DA+, DA-

output type	DALI Supply
marking output terminals	DA+, DA-
output voltage range	12Vdc ... 20,5Vdc
guaranteed DALI supply current (at 15V)	30mA
max. DALI supply current	50mA
open circuit proof	yes
short circuit proof	yes

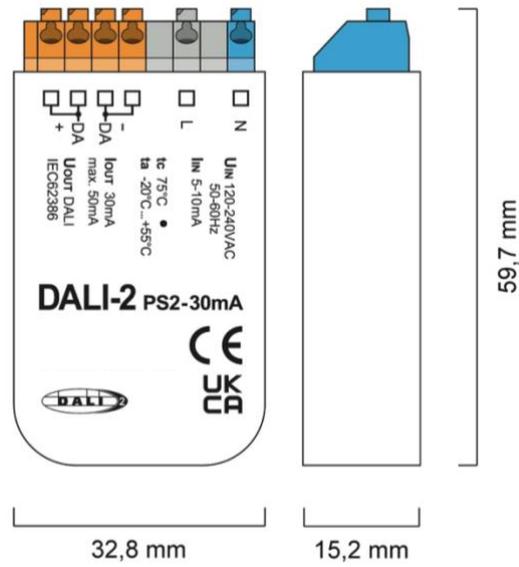
insulation data:

impulse voltage category	II
pollution degree	2

DALI PS2 30mA (A69391)

rated insulation voltage	250V
rated impulse withstanding voltage	4kV
insulation DALI / mains	reinforced isolation
Insulation test voltage DALI / mains	3000V a.c.
enviromental conditions:	
storing and transportation temperature	-20°C ... +75°C
operational ambient temperature	-20°C ... +55°C
rel. humidity, none condensing	15% ... 90%
general data:	
dimensions (l x w x h)	59mm x 33mm x 15mm
mounting	back box installation integration in protection class II device
rated maximum temperature tc	75°C
expected life time @tc	50.000 h
protection class	II in intended use
protection degree housing	IP40
protection degree terminals	IP20
terminals:	
connection type	spring terminal connector
wire size solid core	0,5 ... 1,5 mm ² (AWG20 ... AWG16)
wire size fine wired	0,5 ... 1,5 mm ² (AWG20 ... AWG16)
wire size using wire end ferrule	0,25 ... 1 mm ²
stripping length	8,5 ... 9,5 mm / 0,33 ... 0,37 inch
standards:	
DALI	EN 62386-101:2014
EMC	EN 61547 EN50015 / IEC CISPR15
safety	EN 61347-2-11 EN 61347-1
markings	DALI-2, CE, UKCA

Dimension



Wiring diagram

