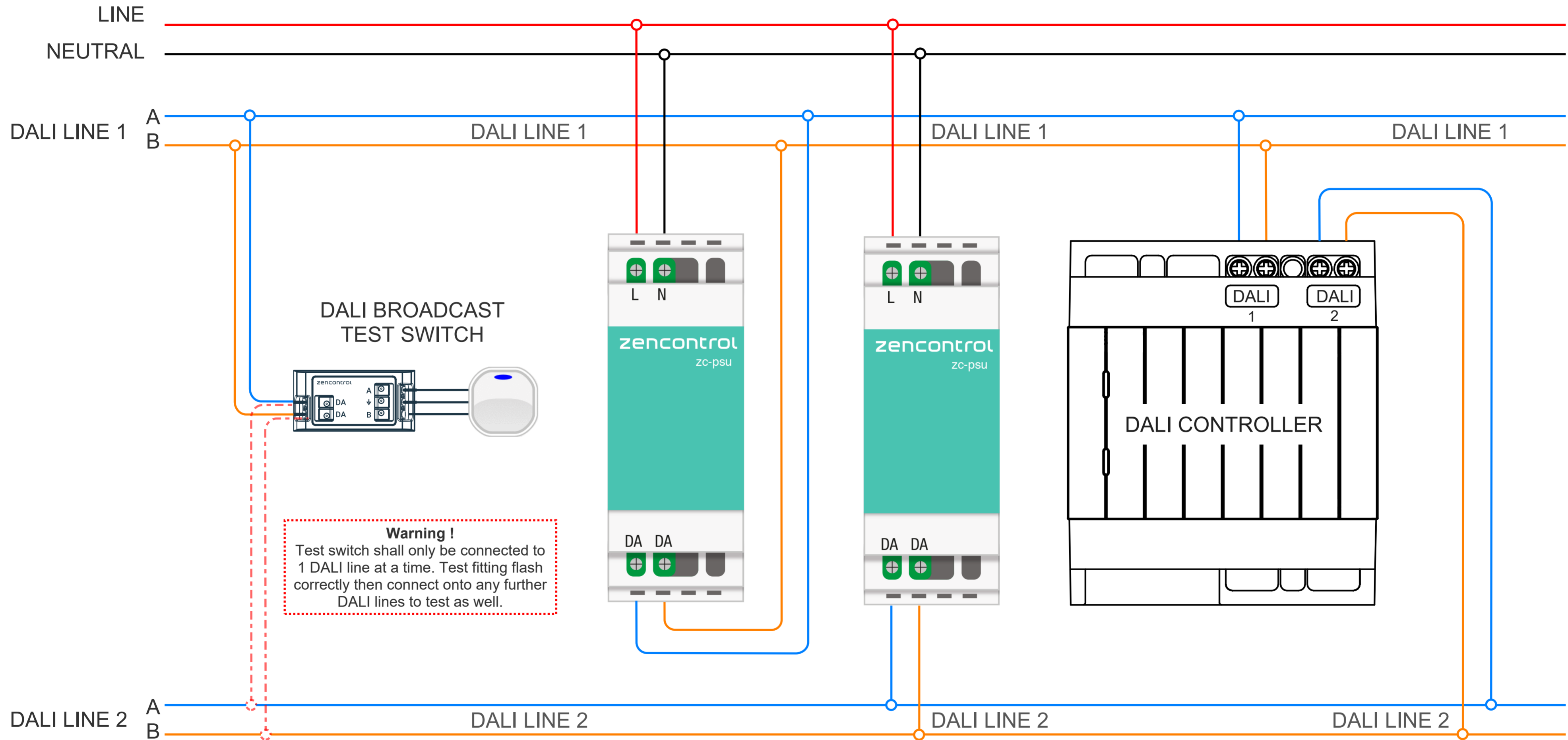


DALI DUAL POWER SUPPLY

WITH BROADCAST SWITCH

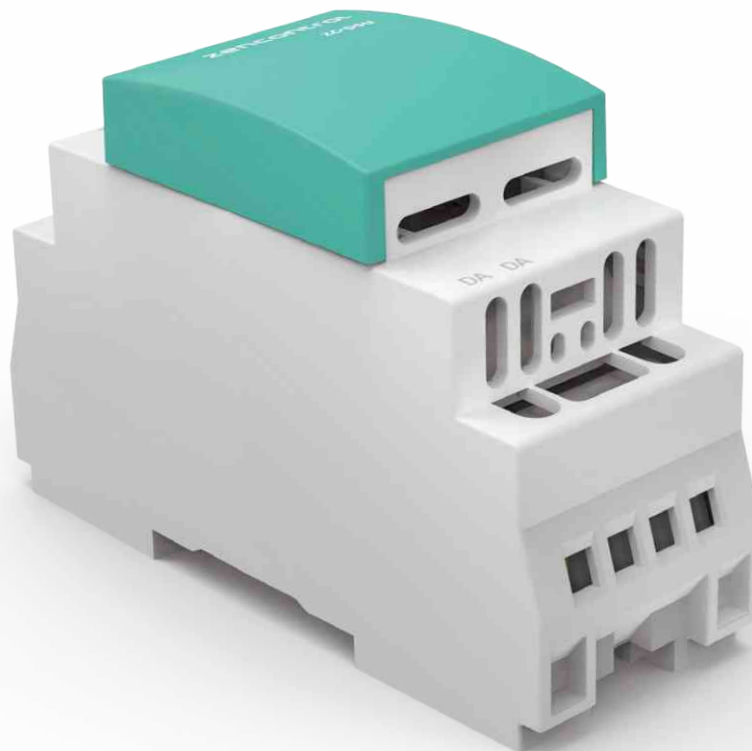


ORDER CODE: lr-2psu-pbs-2020



zencontrol

DALI power supply datasheet



Features

- 235 mA DALI line current
- DALI-2 compliant power supply
- Compliant to IEC 62386-101 Ed 2.0
- Advanced bus power supply, as defined by IEC 62386-101 Ed 2.0
- Suitable for distribution board mounting on standard 35 mm DIN rail



DALI-2
Certified DALI-2
compliant device



Thermal cut-off
Protected against over
temperature conditions



Short circuit
Protected against
short circuit conditions



Over-voltage
Protected against DALI
over-voltage conditions

zencontrol

DALI power supply datasheet



Product range

Order code	Description
zc-psu	DALI -2 power supply, DIN mount

Features

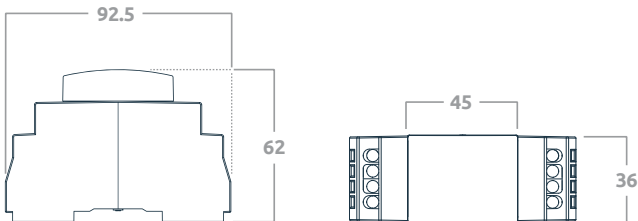
- Suitable for one DALI line
- 235 mA DALI line current
- Compatible with DALI systems
- DALI-2 compliant power supply
- Protected against short circuit and DALI over-voltage
- Tested and compliant to IEC 62386-101 Ed 2.0
- Advanced bus power supply, as defined by IEC 62386-101 Ed 2.0
- Suitable for distribution board mounting on standard 35 mm DIN rail

Specifications

Supply voltage	230 V ~ 50 Hz
Control system	DALI-2
Guaranteed supply current	235 mA
Maximum supply current	250 mA
DALI voltage	16.5 V nominal line voltage
Wiring	1 - 4 mm ² Strip 6 - 7 mm
Operating temperature	0 to 45°C
Material	PC
Classification	Class II
Mounting	DIN rail (35 mm)
Ingress protection	IP20
Compliance standards	IEC 61347-2-11 IEC 62386-101 Ed 2.0 CISPR 15 EN 55015 EMC-2004/108/EC LVD-2006/95/EC

Dimensions

92.5 / 62 / 36 mm





Features

- 5 mA DALI line current
- Suitable for up to 32 devices per DALI line
- Designed for mounting in common switch-plates
- Upgradeable to match changes in DALI standards
- For use with DALI-2 compliant application controller
- Powered directly from DALI line, no separate supply required



Powered by DALI

No additional supply means energy savings and simple installation



DALI-2

DALI version 2 compliant device



Illuminated feedback

Configurable inbuilt LED indicator for user convenience



Standard form factor

Designed for installation into standard switch-plates



Product range

Order code	Description
zc-pbs-2020	Illuminated pushbutton switch 20 x 20 mm
zc-pbs-2020-bl	Illuminated pushbutton switch 20 x 20 mm, black
zc-pbs-2550-wh	Illuminated pushbutton switch 25 x 50 mm, white
zc-pbs-2550-st	Illuminated pushbutton switch 25 x 50 mm, stainless brushed

Features

- DALI bus powered
- Configurable LED indicator
- Compliant to IEC 62386-301
- Supplied with 100 mm pre wired cable
- For use with DALI-2 compliant application controller
- Supplied with zc-switch for direct connection to DALI line
- Suitable for one DALI line of up to 32 devices per DALI line
- Control scenes / groups / actions / events with a zencontrol control system

Specifications

Supply	DALI
Control system	DALI-2
LED indicator colour	Royal blue
DALI line current	5 mA
Wiring	0.5 - 0.75 mm ² Strip 6 - 7 mm
Operating temperature	0 to 45°C
Material	PC
Ingress protection	IP20
Compliance standards	IEC 61347-2-11 CISPR 15 IEC 62386-301 EMC-2004/108/EC LVD-2006/95/EC

Notice

- The switch must not be connected to any mains. It is powered directly from the DALI line.
- The DALI line is not SELV. It must be treated like LV mains and treated with the same precautions and wiring regulations.

Dimensions

