Product datasheet

Specifications



DIN Rail Mounted, C-Bus, Dsi Gateway, 8 Channel, 12M Modules

L5508DSI

Main

Range	C-Bus
Product brand	Clipsal
Product or component type	Dimmer
Device application	Control
Device presentation	Basic element
Provided equipment	300 mm patch cable
load type	DSI ballast
Load current	200 mA per channel 270 mA total

Complementary

Communication interface	Digital serial interface
Output voltage	low 0...0.8 V low 0...0.8 V high 11...13 V high
Value of setting	0...100 %
Network frequency	47...53 Hz 57...63 Hz
Communication network type	C-Bus
Maximum number of supported devices	10 per network
Input impedance	50 kOhm at 1 kHz
Isolation voltage	3.75 kV from C-Bus to mains
Number of outputs	100 per channel
Software function	Select network clock Select network burden Select time delay range
Control type	Local control push-button per channel
Number of modules	12
Local signalling	LED
Number of channels	8
Connector type	RJ45 for C-Bus RJ45 for remote override
Mounting support	DIN rail
Clamping connection capacity	1 x 2.5 mm² 2 x 1.5 mm²

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Width	215 mm
Height	85 mm
Depth	65 mm

Environment

Ambient air temperature for operation	0…45 °C
Relative humidity	10…95 %

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10 cm
Package 1 Width	10.5 cm
Package 1 Length	22.5 cm
Package 1 Weight	722.5 g
Unit Type of Package 2	CAR
Number of Units in Package 2	6
Package 2 Height	22.5 cm
Package 2 Width	22.5 cm
Package 2 Length	32.7 cm
Package 2 Weight	5 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**5 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**5 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**98 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 kg CO2 eq.**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
Halogen-free status	**Halogen free product**
PVC free	**Yes**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**9**
End of life manual availability	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**