Product data sheet

Specifications

Dimmer, C-Bus, 220-240 V AC, for DSI ballast, 8 channel, with power supply

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
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

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >

Transparency   RoHS/REACh

Well-being performance

✅ Toxic Heavy Metal Free

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information