

Product data sheet

Specifications



Dimmer, C-Bus, universal, 220-240 V AC, 2.5 A, 4 channel, with power supply

L5504D2U

Main

Range	C-Bus
Product Brand	Clipsal
Product Or Component Type	Dimmer
Device Application	Control
Device Presentation	Basic element
Load Type	Incandescent Halogen lamp Low voltage lamp with electronic transformer Low voltage lamp with iron-core transformer LED lamp
Load Current	2.5 A per channel
Dimmer Type	Leading edge Trailing edge
Power Supply Output Current	200 mA

Complementary

Standby Consumption	20 W
Network Frequency	47...53 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
Starting Time	5 s
Software Function	Select network clock Select network burden Select time delay range
Number Of Modules	12
Local Signalling	LED
Number Of Channels	4
Connector Type	RJ45 for C-Bus RJ45 for remote override
Mounting Support	DIN rail
Clamping Connection Capacity	1 x 2.5 mm ² 2 x 1.5 mm ²
Width	216 mm

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

Height	92 mm
Depth	63 mm
Net Weight	593 g

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	702 g

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information