

**Product data sheet**  
**Characteristics**

**L5504D2U**

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



**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

**Complementary**

Standby consumption	20 W
[Ue] rated operational voltage	220...240 V AC for dimmer 15...36 V DC for C-Bus
Power supply output current	200 mA
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 <sup>2</sup> 2 x 1.5 mm <sup>2</sup>
Width	216 mm
Height	92 mm
Depth	63 mm
Net weight	593 g

**Environment**

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

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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	702 g
Package 1 Height	100 mm
Package 1 width	105 mm
Package 1 Length	225 mm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins