Product datasheet

Specifications



Dimmer, SpaceLogic C-Bus, 8 channel, 1A per channel, DIN rail mount, inbuilt switchable C-Bus power supply, white

5508D1D

Main

Range	SpaceLogic C-Bus
Product brand	Schneider Electric
Product or component type	Dimmer
Device application	Light control
Device presentation	Complete device
Provided equipment	1 400 mm patch cable
load type	Dimmable LED Halogen lamp Halogen lamp with standard electronic transformer Halogen lamp with standard ferromagnetic transformer Incandescent lamps
Load current	1 A per channel 8 A per unit
Dimmer type	Trailing edge Leading edge
Main colour tint	White
[Ue] rated operational voltage	230 V AC +/- 10 % at 50 Hz 110 V AC +/- 10 % at 60 Hz

Complementary

Network frequency	47...53 Hz 57...63 Hz
Communication network type	C-Bus
Number of channels	8
Connector type	2 RJ45 connectors for C-Bus
Device mounting	DIN rail
Mounting support	DIN rail
Width	216 mm
Height	92 mm
Depth	63 mm
Product weight	0.844 kg
Colour tint	White

Environment

Ambient air temperature for operation	-5…55 °C
Ambient air temperature for storage	-20…60 °C

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

Relative humidity	10…93 % non-condensing
Standards	REACH RoHS
Product certifications	RCM UKCA CE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.700 cm
Package 1 Width	10.100 cm
Package 1 Length	22.300 cm
Package 1 Weight	844.000 g

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	**363 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**52 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.2 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**309 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**1 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

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

Use Again

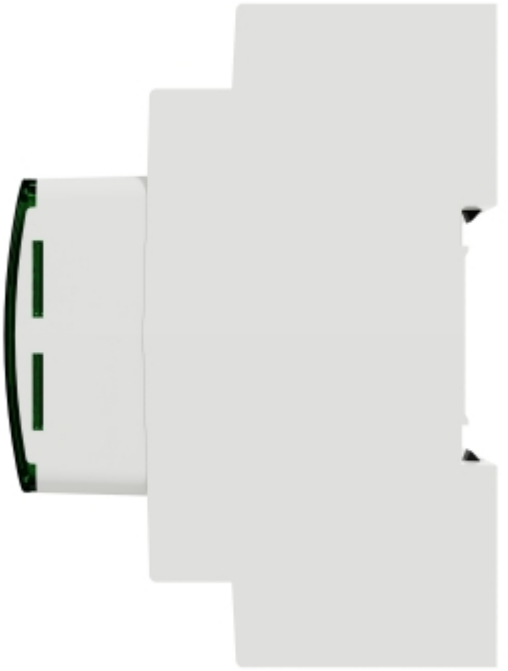
Repack and remanufacture

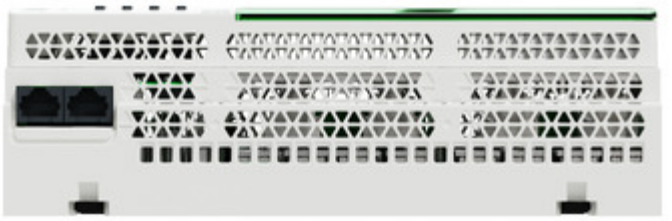
Recyclability potential, in %	**36**
End of life manual availability	**End of Life Information**
Take-back	**No**

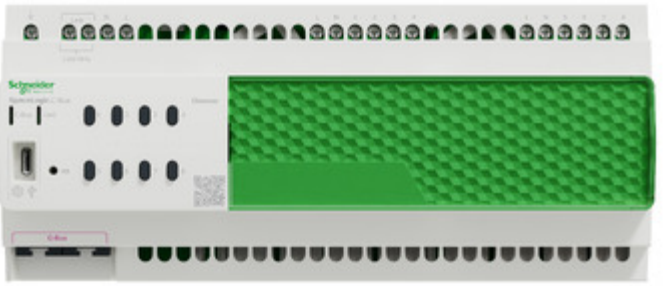
Image of product / Alternate images

Alternative

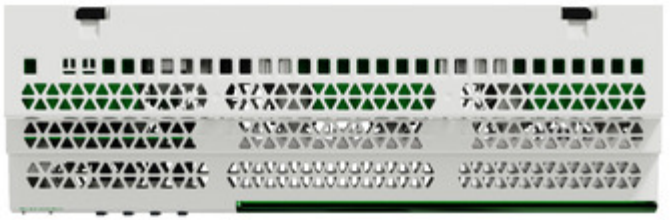












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