Product datasheet

Specifications



Dimmer, SpaceLogic C-Bus, 4 channel, high power, DIN rail mount, inbuilt switchable C-Bus power supply

5504DHD

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	5 A per channel 12 A per unit 6 A maximum total load allowed on any two adjacent channels
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 modules	12
Number of channels	4
Connector type	2 RJ45 connectors for C-Bus
Device mounting	DIN rail
Mounting support	DIN rail
Width	144 mm
Height	92 mm
Depth	63 mm
Product weight	417 g
Colour tint	White

Environment

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

Ambient air temperature for operation	-5…55 °C
Ambient air temperature for storage	-20…60 °C
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	10.200 cm
Package 1 Width	9.600 cm
Package 1 Length	22.300 cm
Package 1 Weight	958.000 g
Unit Type of Package 2	S04
Number of Units in Package 2	10
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	9.580 kg
Unit Type of Package 3	P12
Number of Units in Package 3	150
Package 3 Height	103.400 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	143.700 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	**100 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**42 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]	**56 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.9 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

EU RoHS Directive	Compliant
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 Longer

Lifetime extension

Repair	**No**

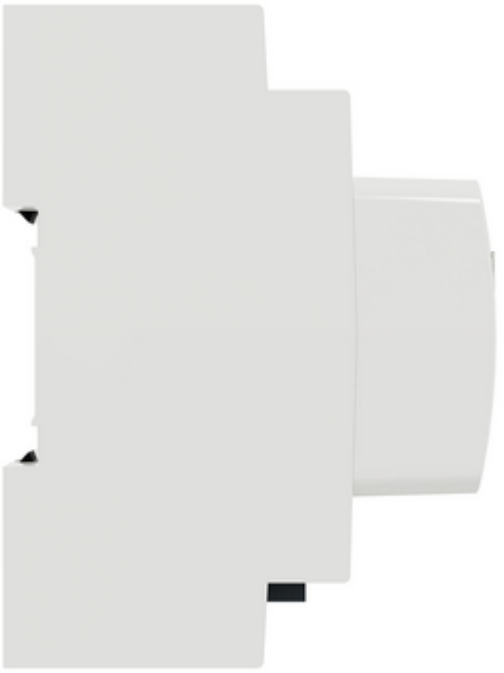
Use Again

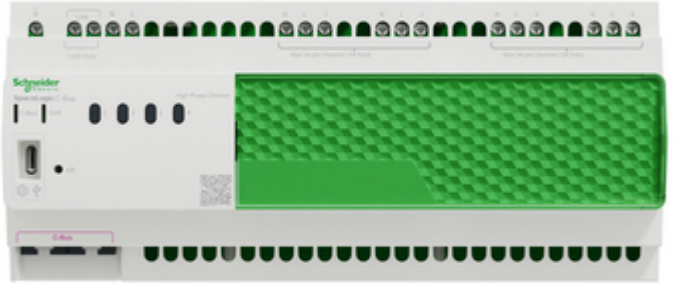
Repack and remanufacture

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

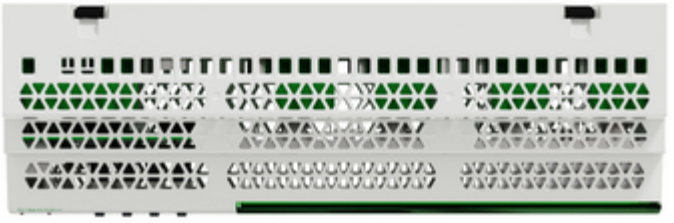
Image of product / Alternate images

Alternative



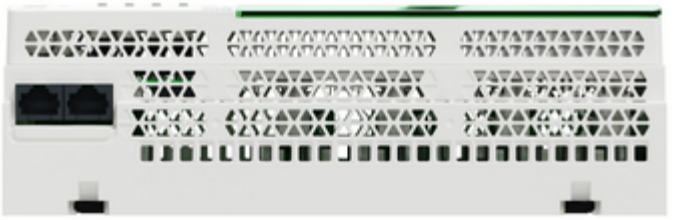






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