

Product data sheet

Specifications



Repacked Connected dimmer, Odace, Wiser, rotary, white

S520513WW



This repacked option saves 3.798 over the standard condition

Main

Product brand	Schneider Electric
Range	Odace
Type number	NH3516
Product or component type	Connected dimmer

Complementary

Concentrator compatibility	Wiser hub generation 2
Mobile App name	Wiser Home
Device presentation	Mechanism with fixing frame
Device application	Light control
Device mounting	Flush
fixing mode	By screws
Dimmer type	Universal
Dimmer control	Rotary push type
Load type	Incandescent lamp: 14...200 W at 230 V AC Halogen lamp: 14...150 W at 230 V AC LV halogen lamps: 14...150 VA at 12 V AC (wound transformer) LED lamp: 7...100 VA at 230 V AC (RC LED mode) LED lamp: 7...20 VA at 230 V AC (RL LED mode) LV halogen lamps: 14...150 VA at 12 V AC (electronic transformer)
[Ue] rated operational voltage	230 V AC 50 Hz
Standby consumption	Max. 0.4 W
Associated fuse rating	16 A
Protection type	Short-circuit protection Automatic overload protection Overheating protection
Colour tint	White (RAL 9003)
Surface finish	Glossy
Local signalling	Programming indication: 1 LED (green/red)
Number of outputs	1
Control type	Local control dimming up/down control Local control automatic load detection Remote control by auxiliary push-button on/off switching Remote control by auxiliary push-button dimming up/down control Remote control Wiser App on/off switching Remote control Wiser App dimming up/down control Local control on/off switching Remote control Wiser App device programming Local control soft start

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

Software name	Wiser App: dimming range control Wiser App: overtravel control Wiser App: program the switching time Wiser App: enable timer mode Wiser App: management of the dimming mode Wiser App: enable switch-on brightness/memory function Wiser App: enable timer mode/overtravel time Wiser App: upgrade device firmware Wiser App: load control Wiser App: define LED status Wiser App: management of trigger settings Wiser App: weekday switching Wiser App: astro function Wiser App: random function Wiser App: enable wake-up function Wiser App: starting staircase timer (with/without warning) Wiser App: enable fall-asleep function
Time delay range	1 s...24 h (overtravel)
Maximum number of connected devices	Zigbee: 15 (smart device) 10 (Wiser device) 10 (multiway switching between coupled device)
Communication network type	Wireless Zigbee (2.4 GHz), 2.5 mW at < 50 m
System requirements	Wiser Home Touch Wiser App Wiser Home Touch Wiser Home control Bluetooth Wiser Home Touch Wiser Home control
Connected auxiliaries	Unlimited number of push-buttons, distance : 50 m
Provided equipment	Centre plate User manual
Connections - terminals	Screw terminal
Number of loop terminals	2
Clamping connection capacity	1.5...2.5 mm² for solid cable(s) 1.5...2.5 mm² for solid stranded cable(s)
shape of screw head	Pozidriv No 1 and combi
tightening torque	0.5 N.m
Material	PC (polycarbonate) GF10 FR: casing Metal: terminals Thermoplastic: central plate
Mounting support	Wall
Type of installation	Indoor installation
Quantity per set	1 carton
Embedding depth	27 mm
Depth	49 mm
Width	71 mm
Height	71 mm
Product weight	0.063 kg
resistance to chemical agents	Resistant to alcohol (70 %) Resistant to alcohol (96 %) Resistant to A-Lactic Acid Resistant to diluted quaternary ammonium Resistant to diluted bleach Resistant to diluted ammonia Resistant to soapy water Resistant to crystal cleaner Resistant to hydrogen peroxide 10 volumes Resistant to hexane

Environment

Ambient air temperature for operation	5...40 °C
Ambient air temperature for storage	5...40 °C
IP degree of protection	IP20 IP21 with marking on visual parts
Standards	EN 60669-2-1 EN 300-328 EN 60730-2-7 EN 301-489-17
Directives	2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive
Product certifications	EAC VDE SEMKO FIMKO NEMKO NF CE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.500 cm
Package 1 Width	9.600 cm
Package 1 Length	10.700 cm
Package 1 Weight	108.000 g
Unit Type of Package 2	S01
Number of Units in Package 2	8
Package 2 Height	15.000 cm
Package 2 Width	15.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	1.052 kg

Contractual warranty

Warranty (in months)	18
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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

Lower carbon footprint

4 kg CO2 eq.

Use Better



Materials and Substances

SCIP Number

679a8b51-f3fb-4380-a88d-59b4cb86573e

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Take-back

No

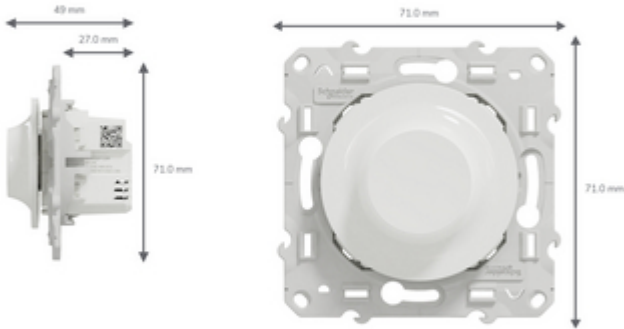
WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

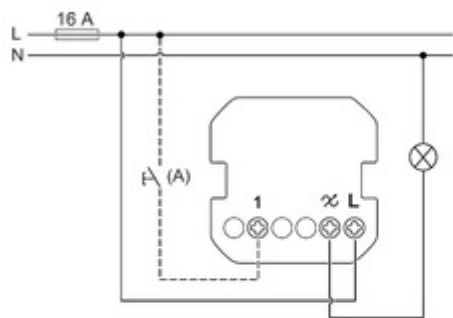
Technical Illustration

Dimensions



Technical Illustration

Wiring diagram



(A) Mechanical push-button (optional)

⚠ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

The product must be installed and connected by a qualified electrician. A qualified electrician must demonstrate an in-depth knowledge of:

- Construction of electrical installations in buildings in accordance with IEC 60364
- Additional safety standards, local connection rules, and building regulations
- Standardized tools and measuring equipment

Failure to follow these instructions will result in death or serious injury.