S520513W

Connected dimmer, Odace, Wiser, rotary,white

Green Premium™ Product

Main

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

Complementary

Concentrator compatibility	Wiser hub generation 1 Wiser hub generation 2
Mobile App name	Wiser Home
Device presentation	Mechanism with fixing frame
Device application	Light control
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	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

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
Device mounting	Flush
Fixing mode	By screws
Type of installation	Indoor installation
Quantity per set	1 carton
Embedding depth	27 mm
Depth	49 mm
Width	71 mm
Height	71 mm
Net 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	7.9 cm
Package 1 Width	9.5 cm
Package 1 Length	9.6 cm
Package 1 Weight	123 g
Unit Type of Package 2	S03
Number of Units in Package 2	36
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	4.924 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information