



Main

Product brand	Merten
Range	Wiser
Product name	Wiser Home Touch
Product or component type	Touch panel

Complementary

[Ue] rated operational voltage	24 V DC
[In] rated current	0.25 A
Overvoltage category	Class II
Display type	Colour touchscreen
Display resolution	640 x 480 pixels VGA
Display size	89 mm
Sensor type	Light level sensor auto dimming Occupancy sensor wake-up Temperature Humidity sensor
Temperature setting range	7.5...33 °C heating 0.5 °C per step 9...35 °C cooling
Information displayed	Temperature: 5...35 °C
Measurement accuracy	Temperature: 0.5 °C, Humidity: +/- 3 %
Software name	Wiser App: upgrade device firmware
Communication network type	Wi-Fi (2.4 GHz), 40 mW ZigBee
Colour tint	Fixing frame: white (RAL 9003) Trim plate: white (RAL 9003) Terminal plate: black (RAL 9005) Screen: white (RAL 9003)
Mounting mode	Wall-mounted
Mounting position	Horizontal
Type of installation	Indoor
Service life	10 Year(S)
Meantime between failure [MTBF]	8 Year(S) at 25 °C

Device composition	Fixing frame 95 mm x 95 mm x 5 mm Trim plate 120 mm x 160 mm x 6 mm Terminal plate 78 mm x 77 mm x 14 mm Screen 100 mm x 100 mm x 24 mm Power supply 42 mm x 42 mm x 25 mm
Depth	34.2 Mm with all the plates:

Environment

Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-30...50 °C
Relative humidity	0...75 % non-condensing
Pollution degree	2
Electromagnetic compatibility	Radiated emission conforming to EN 300-328 Electromagnetic field immunity test conforming to EN 301-489-1 Electrostatic discharge conforming to EN 301-489-1 Fast transients immunity test conforming to EN 301-489-1 Immunity to voltage dips conforming to EN 301-489-1 Surges conforming to EN 301-489-1
Standards	IEC 60730-1 EN 60730 IEEE 802.11b/g/n

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product Life Status : **Commercialised**