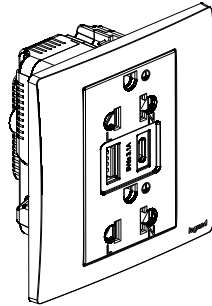


Mallia™ Senses

EURO-US SOCKET + USB

Cat. No(s): 2 812 04 MW - 2 812 04 MG - 2 812 04 MB - 2 812 04 DS - 2 812 04 CH
2 812 04 DB - 2 812 04 BA - 2 812 04 BB - 2 812 04 BC



2 812 04 XX

1. USE

Euro-US sockets with USB for recharging portable devices such as phones, smart phones, tablets, MP3 or MP4 players, loudspeakers, watches, game consoles, power banks. Delivered complete, shuttered for child safety.
(Supplied with M3.5 screws for Flush mounting or surface mounting BS boxes.)

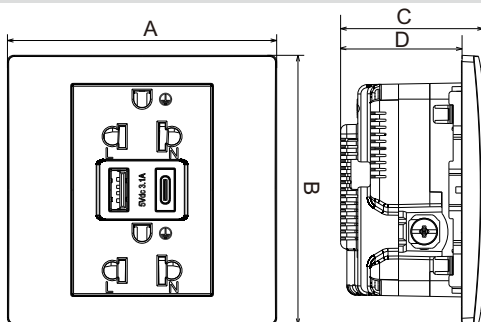
2. RANGE

Designation	Cat. No.
1G EURO-US 16A DUPLEX 2P + E SOCKET + USB TYPE A+C 3.1A	2 812 04 XX

Colours

-Front: MW/MG/MB/DS/CH/DB/BA/BB
-Rear: Black
2 812 04 MW Matt White
2 812 04 MG Matt Grey
2 812 04 MB Matt Black
2 812 04 DS Dark Silver
2 812 04 CH Champagne
2 812 04 DB Dark Bronze
2 812 04 BA Brushed Aluminium
2 812 04 BA Brushed Black
2 812 04 BC Brushed Champagne

3. DIMENSIONS (mm)



References	A	B	C	D
2 812 04 XX	86	86	45.6	38.8

Minimum depth of the box > 45 mm

4. CONNECTION

Types of terminals: with screws

Terminal capacity: 2 × 2.5 mm²
2 × 4 mm²

Recommended stripping length: 8 mm

Recommended screwdriver size: < 4 mm flat blade

5. TECHNICAL CHARACTERISTICS

5.1 Material characteristics

Front: PC
Frame: Steel
Base: PC
Self-extinguishing:
+ 850° C / 30 s for insulating parts holding live parts in place
+ 650° C / 30 s for other parts made of insulating materials

5.2 Electrical characteristics

Voltage: 250V~
Current: 16A

USB Chargers:

All values listed below are measured at an ambient temperature of + 25° and after 15 minutes of operation.

Type	1 USB (Type A)	1 USB (Type C)	2 USB (Type A+C)
Nominal input voltage	220-240V~	100-240V~	220-240V~
Nominal input frequency	50-60 Hz		
Power consumption	12 W	15 W	15.5 W
Maximum input current	300 mA	500 mA	500 mA
Maximum power consumption in standby	0.075 W		
Power average efficiency	79.94%	81.39%	81.39%
Nominal output voltage	5V~		
Maximum output current	2.4A	3.0A	3.1A*

No-load consumption and average energy efficiency: Level VI**

Protection class	II - Low voltage
------------------	------------------

*Note : shared on A and C output

Note : European Regulation No. 278/2009 of 6 April 2009, Directive 2005/32/EC on eco-design requirements for AC/DC power supplies.

Note : To optimize the charging time of your device, ensure to turn it off during the charging phase.

5.3 Climatic characteristics

Storage temperatures: -10°C to +70°C
Operating temperatures: -5°C to +35°C

5.4 Mechanical characteristics

Impact test: IK04
Protection against solids & liquids: IP20

6. CLEANING

Surface cleaning with a soft, slightly damp cloth.
Do not use: acetone, tar remover, trichloroethylene

7. CONFORMITY - APPROVALS

Conform to IEC 62368-1; IEC 60884-1.