## MATIX

Cat. No(s): AM5285C1

## USB power supply - 1.5 A



## 1. USE

For recharging portable devices such as phones, smartphones, MP3 or MP4 players, loudspeakers, watches, game consoles, powerbanks.

## 2. RANGE

| Designation | Cat. No. |
| :---: | :---: |
| Single USB socket $-5 \mathrm{~V}=-1.1 \mathrm{~A}$ | $\square \mathrm{AM} 5285 \mathrm{C} 1$ |

Colours code: $\square$ White

## 3. OVERALL DIMENSIONS



## 4. CONNECTION

Type of terminals: with screws
Terminal capacity: $1 \times 2.5 \mathrm{~mm}^{2}$
Stripping length: 6 mm
Recommended use: circuit terminal outlet

## 5. TECHNICAL CHARACTERISTICS

## - 5.1 Mechanical characteristics

Impact tests: IK 04
Penetration by solid bodies/liquid: IP 40

## 5. TECHNICAL CHARACTERISTICS (continued)

## - 5.2 Material characteristics

Base: PC
Cover: PC
Self-extinguishing:
$850^{\circ} \mathrm{C} / 30 \mathrm{~s}$ for insulating parts holding live parts in place. $650^{\circ} \mathrm{C} / 30 \mathrm{~s}$ for other parts made of insulating materials.

- 5.3 Electrical characteristics

All values listed below are measured at an ambient temperature of $+20^{\circ}$ and after 30 minutes of operation.

| Nominal input voltage | $100-240 \mathrm{~V} \sim$ |
| :--- | :--- |
| Nominal input frequency | $50 / 60 \mathrm{~Hz}$ |
| Nominal output voltage | $5.0 \mathrm{~V}=-$ |
| Nominal input current | 0.25 A |
| Nominal output current | 1.5 A |
| Output power | 7.5 W |
| Average efficiency in active mode | $78.7 \%$ |
| Stand-by power consumption | $<0.07 \mathrm{~W}$ |

Efficiency can meet energy star level "VI" ( $\geq 66 \%$ measured at USB socket output side)

| Protection class | II - Low voltage |
| :--- | :--- |

- 5.4 Average charging time for devices equipped with litium ion polymer batteries:
- 80 \% charged < 1 h 15
- $100 \%$ charged < 2 h 00
- 5.5 Climatic characteristics

Storage temperature: $-20^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$
Operating temperature: $5^{\circ} \mathrm{C}$ to $+45^{\circ} \mathrm{C}$

## 6. CLEANING

Surface cleaning with a cloth.
Do not use: acetone, tar remover, trichlorethylene.
Caution: Always test before using other special cleaning products

## 7. STANDARDS AND APPROVALS

Compliant with installation and manufacturing standards. See e.catalogue

