



Power Supply 100 w

Features

- Wide-range input AC 90 V to 253 V
- High efficiency factor
- Automatic disconnection
- Use in Zone 1 + 2 and Zone 21 + 22

Description

This power supply unit is universally usable and offers a wide-range input.

The DC output voltage is stabilised and switches off in the event of overcurrent or short circuit.

The power supply unit switches on again automatically once the rated current is reached.

The wired connections are established by means of an integrated terminal compartment in the „e“ increased safety type of protection.

Technical data

Structure

Aluminium enclosure

Protection class

IP 64

Connecting terminals

2.5 mm², fine-stranded

Terminal marking

printed

Storage temperature

-20 °C up to +60 °C

Ambient temperature

-20 °C up to +60 °C

Dimensions (width x depth x height)

140 mm x 250 mm x 86 mm

Weight

3 kg

Electrical data

Rated voltage

AC 110 up to 230 V, 47 up to 63 Hz

Input voltage range

AC 90 up to 253 V

Input rated current

max. 0.5 A at $U_N = 230$ V

1 A at $U_N = 110$ V

Power consumption

P = max. 120 W

Power dissipation

$P_{V_{tot.}} = 18$ W

Outputs

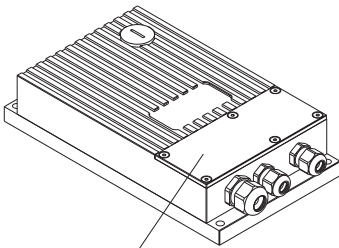
Output voltage (regulated)

DC 24 V ± 2 % at 4.2 A

DC 12 V ± 2 % at 8.5 A

DC 5 V ± 2 % at 20 A

Structure



Terminal connection chamber in increased safety

Explosion protection

Ex protection type

Ex II 2G Ex eq IIC T4

Ex II 2D Ex tD 21 IP 64 T135 °C

Certification

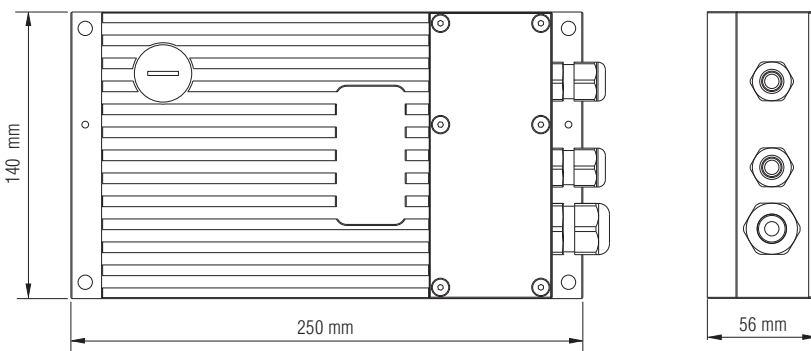
IBExU 09 ATEX 1092

Guidelines/norms/certifications

Directive 94/9/EC

Directive 2004/108/EC

Dimensions



Selection chart

Version		Code no.
Output voltage	DC 24 V	3
Output voltage	DC 12 V	2
Output voltage	DC 5 V	1

Complete order no. 07-7381-1 00

Please insert correct code.

Technical data subject to change.