



Model number

VAN-115/230AC-K7

AS-Interface power supply

Features

- PELV
- 115 V AC / 230 V AC switchable
- 8 A output current
- AS-Interface filter integrated
- LED operating display
- 88 % efficiency level

Function

The primary switched-mode power supply unit was designed for field bus applications, which transmit both energy and data via a two-wire cable (AS-Interface design). It supplies a fully loaded AS-Interface system with an output current of 8 A. In this case, the power supply unit provides the energy, decouples data of the power source and balances the two output cables (AS-Interface + and AS-Interface -) in relation to ground (screen connection).

The precise and transformer coupling permits the use of unshielded load lines.

The PELV output circuit is electronically protected against overload and continuous short circuit. Its structure is equivalent to safety isolating transformers per VDE 0551.

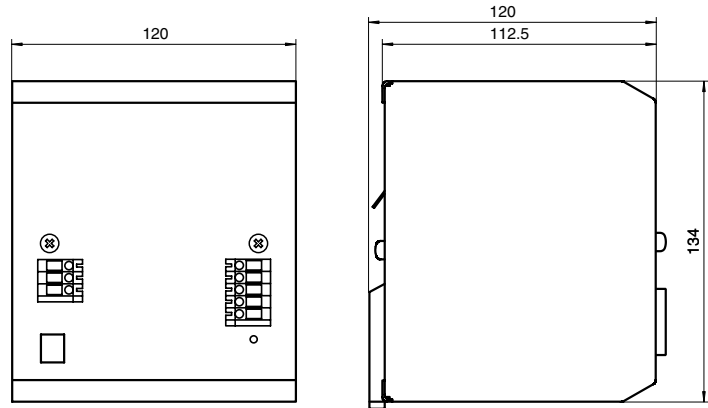
Fuse:

The power supply unit is electronically protected against external short circuits. In case of a defect, the internal fuse disconnects the power supply unit from the supply.

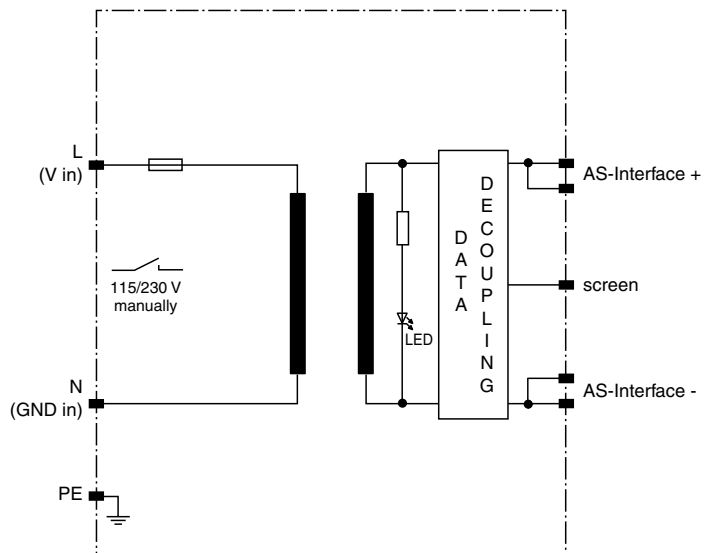
Note:

Do not remove any screws from the housing without consulting us, since internal protective earthing connections might disconnect.

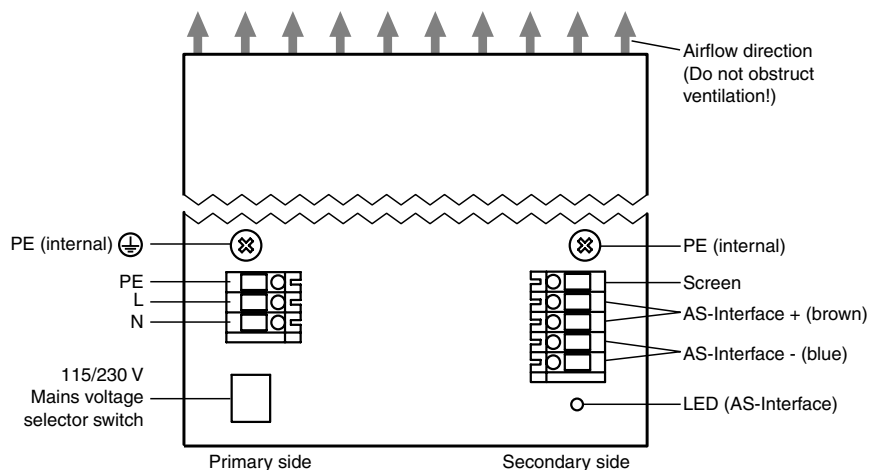
Dimensions



Electrical connection



Indicating / Operating means



Release date: 2019-08-23 12:46 Date of issue: 2019-08-23 040631_Leng.xml

Technical data**Indicators/operating means**

Power selection switch	changeover switch for 115 V AC/230 V AC
LED green	Operating display

Electrical specifications

Rated operating voltage	U_e	nominal: 115 V AC/230 V AC switchable; permissible: 88 ... 132 V AC/187 ... 264 V AC
Rated operating current	I_e	6 A at 115 V AC 2.8 A at 230 V AC
Supply frequency		47 ... 63 Hz
Efficiency		approx. 88 %

Output

Voltage		29.5 ... 31.6 V DC
Current		8 A
Switch-on delay	t_{on}	1000 ms

Ambient conditions

Ambient temperature		-10 ... 60 °C (14 ... 140 °F)
Storage temperature		-20 ... 100 °C (-4 ... 212 °F)

Mechanical specifications

Degree of protection		IP20
Connection		min. 0.5 mm ² , max. 4 mm ² (rigid wire) min. 0.5 mm ² , max. 2.5 mm ² (strand) wire min. 9 mm, max. 15 mm separation
Material		
Housing		Aluminum
Mass		1200 g