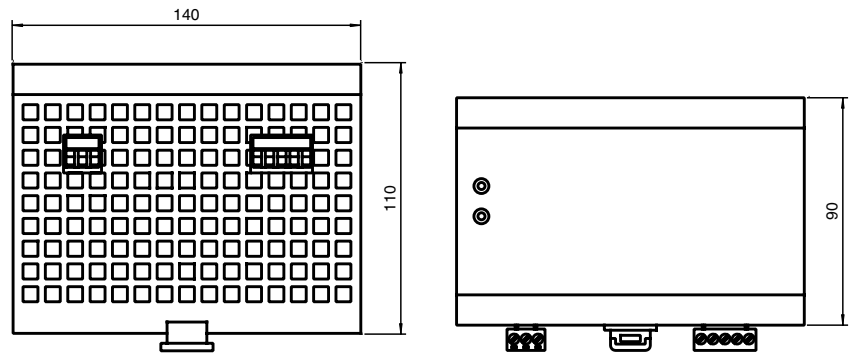
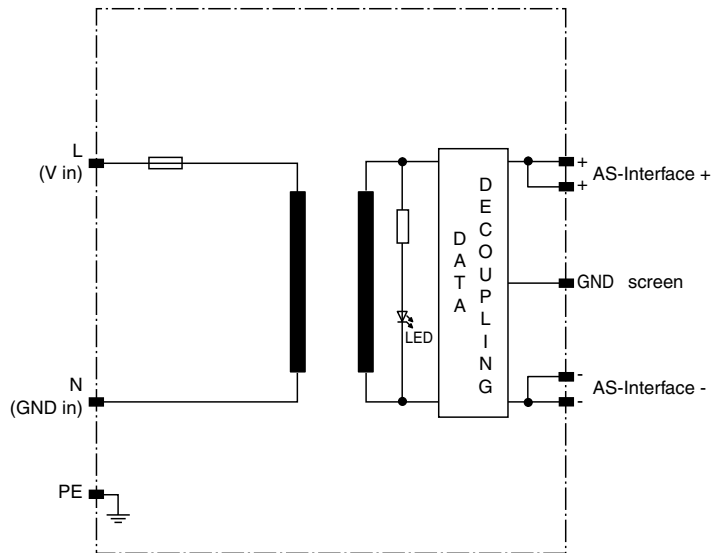




Dimensions



Electrical connection



Model Number

VAN-115/230AC-K8

AS-Interface power supply

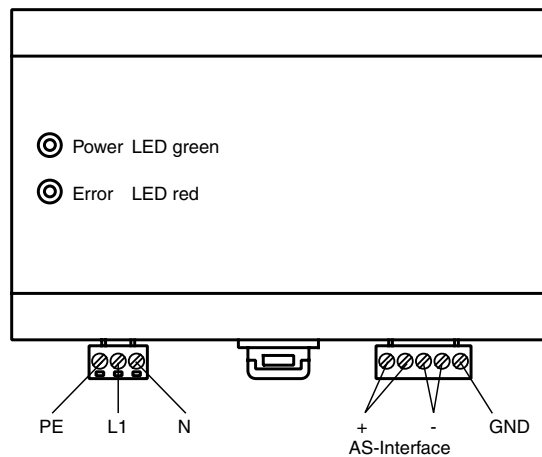
Features

- AS-Interface certificate
- PELV
- LED operating display
- Up to 2.8 A output load
- 115 V AC to 230 V AC
- AS-Interface filter integrated
- Power factor correction
- Cable fed in from below

Function

The VAN-115/230AC-K8 power supply unit supplies a fully loaded AS-Interface system with an output current of 2.8 A. The sinusoidal current consumption of the power supply prevents harmonic waves; thus this power supply unit has a particularly low susceptibility to faults. The powerfactor correction ensures that the current is in phase with the voltage, so the capacity factor of $\cos \varphi > 0.97$ prevents reactive power.

Indicating / Operating means



Release date: 2005-08-01 12:19 Date of issue: 2005-08-01 043202_ENG.xml

Technical data**Indicators/operating means**

LED ERROR	overload display (beginning at 2.9 A output current); LED red
LED ENERGY	operating display; LED green

Electrical specifications

Fusing	version TR5, 2 A delayed soldered in permanently internally
Capacity factor	at $U_E = 115 \text{ V}$: 0.99 at $U_E = 230 \text{ V}$: 0.97
Mains frequency	47 ... 63 Hz
Rated operational voltage	U_e nominal: 115 ... 230 V AC permissible: 98 ... 265 V AC
Rated operational current	I_e 0.4 ... 1.2 A
Ripple	according to AS-Interface specification

Output

Current limit	3.5 A
Current	2.8 A
Voltage	29.5 ... 31.6 V DC

Standard conformity

Standards	emitted interference to: EN 55022:1995 Class A, VDE 0878 Part 22:12.1995 interference resistance in acc. with: EN 50082-2:1995, ENV 50140:02.95, ENV 50141:1994, ENV 50142:10.95, VDE 0839 Part 82-2:02.1996, VDE 0847 Part 3, VDE 0843 Part 4/5/6
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Ambient conditions

Ambient temperature	0 ... 70 °C (273 ... 343 K)
Storage temperature	-25 ... 85 °C (248 ... 358 K)

Mechanical specifications

Protection degree	IP20 according to EN 60529
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