

## Z232, Z233 Power supply unit

### Application

Power supply units for the DC voltage supplies Z232 DC 12 V and Z233 DC 24 V in the DDC3000 and DDC4000 automation systems.



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**Important Information Regarding Product Safety****Safety Instructions**

This data sheet contains information on installing and commissioning the product "Z232, Z233". Each person who carries out work on this product must have read and understood this data sheet. If you have any questions that are not resolved by this data sheet, you can obtain further information from the supplier or manufacturer.

If the product is not used in accordance with this data sheet, the protection provided will be impaired.

Applicable regulations must be observed when installing and using the device. Within the EU, these include regulations regarding occupational safety and accident prevention as well as those from the VDE (Association for Electrical, Electronic & Information Technologies). If the device is used in other countries, it is the responsibility of the system installer or operator to comply with local regulations.

Mounting, installation and commissioning work on the devices may only be carried out by qualified technicians. Qualified technicians are persons who are familiar with the described product and who can assess given tasks and recognize possible dangers due to technical training, knowledge and experience as well as knowledge of the appropriate regulations.

**Legend**

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**WARNING**

Indicates a hazard of medium risk which can result in death or severe bodily injury if it is not avoided.

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**CAUTION**

Indicates a hazard of low risk which can result in minor or medium bodily injury if it is not avoided.

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**NOTICE**

Indicates a hazard of medium risk which can result in material damage or malfunctions if it is not avoided.

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**NOTE**

Indicates additional information that can simplify the work with the product for you.

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**Notes on Disposal**

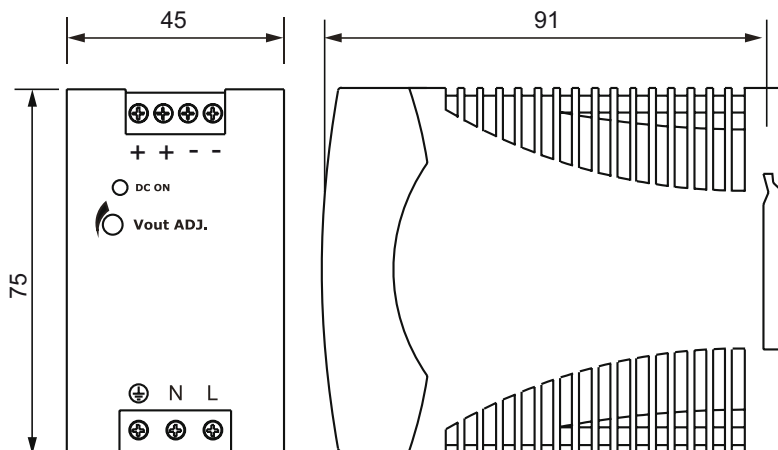
For disposal, the product is considered waste from electrical and electronic equipment (electronic waste) and must not be disposed of as household waste. Special treatment for specific components may be legally binding or ecologically sensible. The local and currently applicable legislation must be observed.

**Product Description****Z232, Z233****Item**

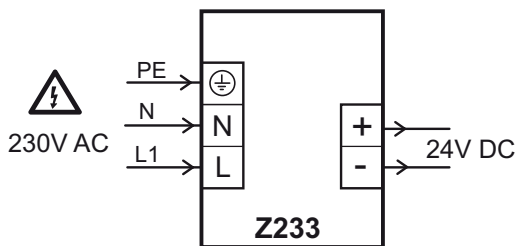
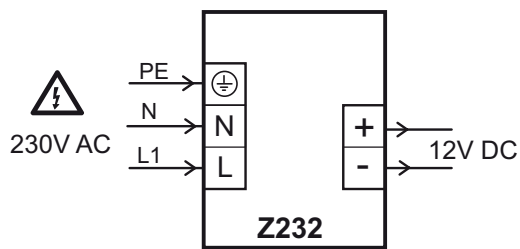
Z232	Power supply unit for AC 230 V / DC 12 V, 2.5 A, short circuit protection
Z233	Power supply unit for AC 230 V / DC 24 V, 2.1 A, short circuit protection

**Technical Data**

Input voltage	AC 85 V to 264 V, 47 Hz to 63 Hz DC 90 V to 375 V	
Output voltage	Z232: DC 9.9 V to 12.1 V (adjustable);	Z233: DC 22.5 V to 28.5 V (adjustable)
Output current	Z232: 2.5 A;	Z233: 2.1 A
Power	Z232: 30 W;	Z233: 50 W
Phases	1	
Display	Green LED: operation	
Housing	Plastic	
Connection	Screw terminals	
Installation	Standard rail EN 50022	
Degree of protection	IP20	
Protection class	I	
Ambient temperature	-10 °C to 71 °C	
Ambient humidity	20% to 95% r.h., non-condensing	
Dimensions	WxHxD in mm: 45 x 75 x 91	
Weight	260 g	

**Dimensions**

**Connection**



**WARNING**

Danger of death by electrocution.  
Mount or remove only when power is switched off.



**NOTICE**

The ventilation openings on this product may not be blocked. Make sure that there is a clearance of at least 25 mm from the cooling system.