

■ ZU-PW10W, ZU-PW70W

Power supply units for bmcm hardware

Well supplied.

The power supply units of the ZU-PW series provide a low voltage in the amount of 12V (ZU-PW10W) and 24V (ZU-PW70W) to supply bmcm devices.

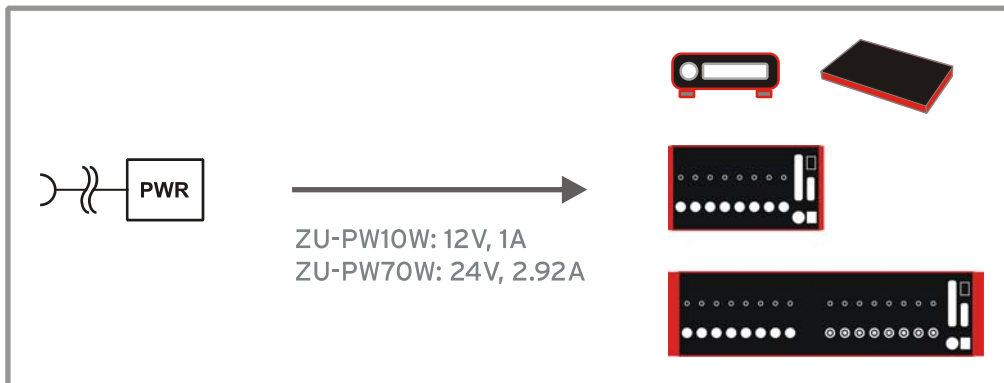
Clearly safe.

Due to the galvanic isolation of the DC supply voltage from the 230V AC power line, measurement hardware and the PC are perfectly protected.



Get connected.

The power supply units are delivered with a standard screw coupling. The assignment of the connector goes with all bmcm devices that are supplied by low voltage. If using a device without a low voltage connector (e.g. AP8a), the screw coupling must be removed from the power supply.



Functional diagram

1 Installation

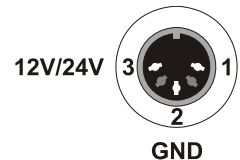
First connect the ZU-PW10W or ZU-PW70W to the power supply plug of the bmcm device. Attach the IEC cord of ZU-PW10W to the power supply and then plug the wall power supply or the mains plug into the socket outlet. An LED indicates the operation of the ZU-PW10W.



To avoid damages, power must not exceed 20W (ZU-PW10W) or 85W (ZU-PW70W) at the maximum!

2 Assignment of the low voltage connector

The figure on the right illustrates the assignment of the 3-pin DIN coupling.



If the device to be supplied does not feature a low voltage connector (e.g. AP2, AP8a, BP2), the screw coupling has to be removed. In this case, the cable is directly connected to the device. Check for correct polarity!

3 Important notes for using ZU-PW10W, ZU-PW70W

- ZU-PW10W und ZU-PW70W generate a low voltage electrically isolated from the mains for the supply of bmcm devices. Please comply with the respective regulations!
- Only use non-solvent detergents for cleaning. The product is designed to be maintenance-free.
- The product must not be used for safety-relevant tasks. With the use of the product, the customer becomes manufacturer by law and is therefore fully responsible for the proper installation and use of the product. In the case of improper use and/or unauthorized interference, our warranty ceases and any warranty claim is excluded.



Do not dispose of the product in the domestic waste or at any waste collection places. It has to be either duly disposed according to the WEEE directive or can be returned to bmcm at your own expense.

4 Technical data

	ZU-PW10W	ZU-PW70W
Power IN:	200-240V _{AC} , max. 20VA	90-260V _{AC} , max. 85VA
Power OUT:	12W: 12V _{DC} , ±20%, 1A, unregulated	70W: 24V _{DC} , ±5%, 2.92A, regulated
Ground potential:	2V _{AC}	max. 3V _{AC}
DC line:	1.75m long	1m long
Type of power supply:	linear plug power supply, no overload protection!	switching power supply, overload-proof
Accessories:	--	power cable 2m
Use for bmcm hardware:	AAB-II, AP2, AP8a, BP2, BP2-BOX, BP16, LAN-AD16f, meM-LOG-SE	AMS42, AMS84, AMS42-USB, AMS84-USB, AMS42-LAN16f, AMS84-LAN16f
CE standards:	EN61000-6-1, EN61000-6-3, EN61010-1; for decl. of conformity (PDF) visit www.bmcm.de	
ElektroG // ear registration:	RoHS and WEEE compliant // WEEE Reg.-No. DE75472248	
Temperature ranges:	operating and storage temperature -25..70°C	
Relative humidity:	0-90% (not condensing)	
Warranty:	2 years from date of purchase at bmcm, claims for damages resulting from improper use excluded	