

Reliable protection against dangerous fault currents – Power distribution box BNV-3



The IVT power distribution box BNV-3 is an important and necessary contribution to the safety within your power distribution system. Because even with the proper use of electrical consumers life-threatening fault currents can occur, e.g. due to defective cables or moisture.

If you connect only one consumer to an inverter with galvanic isolation, you are sufficiently protected against fault currents. When using multiple devices, a separate 30 mA RCD is required for each consumer in order to protect the inverter output.

The IVT power distribution box BNV-3 fulfills all important safety regulations. Each of the 3 Schuko® sockets is separately protected with its own RCD (30 mA). The maximum permissible total current load is 16 A.

The BNV-3 with its high-quality and robust plastic housing is delivered fully assembled.

The 3 Schuko® sockets with cover are protected against splash water (IP 44). The rubber connection cable with plug allows for a simple and flexible connection to the output of the inverter.

Recommended application:

As a safe distributor on the construction site, in the vehicle, in trucks, in off-road use, in agriculture and forestry, in garden sheds etc.



The most important characteristics and features:

- 3 x residual current protective device (RCD) 30 mA
- 3 x Schuko® socket with hinged cover
- 2 m rubber connection cable H07RN-F 3 x 2,5 mm² with Schuko® plug
- Protected against splash water according to IP 44
- Fully assembled, equipped and tested

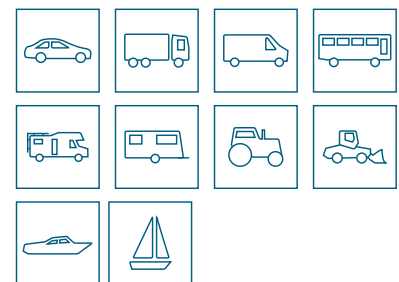
Delivery content

- Power distribution box BNV-3 equipped with:
 - 2 m connection cable,
 - 3 x RCD 30 mA,
 - 3 x IP 44 Schuko® socket
- Instruction manual in DE

Technical data

Nominal voltage	230 V, 50 Hz
Total current load (max.)	16 A
Rated fault current	30 mA/plug
Connection cable	2 m rubber connection cable H07RN-F3 x 2,5 mm ² with Schuko® plug
IP protection	IP 44
Temperature range	-25 °C to +50 °C
Material	ABS; PC tinted, with UV protection
Color	RAL 7035 (gray)
Dimensions (L x W x H)	284 x 222 x 122 mm
Weight	2.4 kg
Art. no.	312218

Recommended application



Note:

Detailed information on „Selection and operation of power generators on construction and assembly sites“ can be found on the Internet in German under: DGUV Information 203-032, Section 5.1.2.1 „: www.dguv.de/publikationen

IVT Innovative Versorgungstechnik GmbH

Dienhof 14, D-92242 Hirschau
 fon + 49 (0) 9622 71991-0
 fax + 49 (0) 9622 71991-20
 info@ivt-hirschau.de
 www.ivt-hirschau.de

Technical changes, print errors and errors excepted.

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