External power supply DCU 2403

Part No.:
805683
Approval:
G 210052

Description

External power supply in a compact metal housing for up to two 12 V/ 24 Ah batteries. This power supply facilitates an uninterruptable supply of power. Integration into the esserbus®/esserbus®-Plus optional via optional adapter card (Part No. 805684.10) and esserbus® Transponder (Part No. 808623). Four floating relay outputs are available for the transmission of disturbances (power failure, ground fault, battery failure and collective fault). External LED display for operation and collective fault on the lockable front door, internal LEDs for detailed recognition of emergency power operation, individual monitoring of battery failure and ground fault.

Features

Reversible output voltage 12 V DC or 24 V DC

Simple integration into esserbus®/esserbus®-Plus

Internal service LED displays

Four floating relay outputs

Monitoring of mains voltage with selectable delay time

Individual battery monitoring for emergency power operation

Switchable ground fault monitoring

Front door with cover contact

in compliance with EN 54-4/A2

for use in voice alarms to supply recessed components, such as at fiber optic recessed callstations

Technical Data

Rated voltage
: 230 V AC

Rated frequency
: 50 ... 60 Hz

Output voltage
: 12 V DC oder 24 V DC; ± 1 % (temperature controlled)

Battery capacity
: max. 48 Ah @ 12 V DC / max. 24 Ah @ 24 V DC

Output current
: 6 A @ 12 V DC / 3 A @ 24 V DC

Contact load relay
: max. 125 V / 1,5 A / 60 VA

Ambient temperature
: -5 °C ... 40 °C

Storage temperature
: -20 °C ... 45 °C

Connection terminal
: max. 2,5 mm²

Type of protection
: IP 30

Housing
: sheet steel

Color
: gray, similar to RAL 7035

Weight
: approx. 23 kg incl. batteries each 12 V DC / 24 Ah

Dimensions
: W: 310 mm H: 410 mm D: 211 mm

Accessories

805684.10Adapter card for DCU 2402

808623esserbus® alarm transponder

Additional information

Batteries used in the power supply must be tested and VdS approved. Batteries of the same age from the same manufacturer coming from the same production batch must be used when connecting batteries in parallel.

Scope of delivery

Pre-installed connector cable for 12 V / 24 Ah SB-type battery (Part No. 018006)

Housing lock with key

Device accessory kit contains: dummy cover, jumper bar for standby terminal, device fuses, jumper for setup of output voltage