

External power supply DCU 2403



Part-No.: 805683

Approval: VdS

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 call stations

Rated voltage	230 V AC
Rated frequency	50 Hz ... 60 Hz
Output voltage	12 V DC / 24 V DC; $\pm 1\%$ (temperature controlled)
Battery capacity	max. 48 Ah @ 12 V DC / max. 24 Ah @ 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
Air humidity	< 95 %
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
Declaration of Performance	DoP-20960130701



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.



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

Accessories:

805684.10	Adapter card for DCU 2402
808623	esserbus alarm transponder