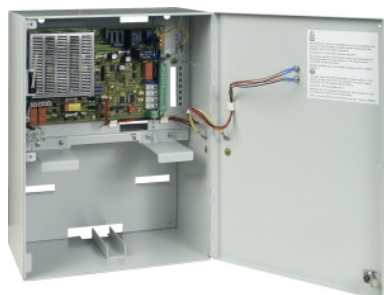


External power supply DCU 2403



Part-No. 805683

Approval: G 210052

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

| | |
|---------------------|---|
| Rated voltage | 230 V AC |
| Rated frequency | 50 ... 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 |
| 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 mm ² |
| Type of protection | IP 30 |
| Housing | sheet steel |
| Air humidity | < 95 % (non condensing) |
| 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 |



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