

## ASi power pack 4A / 4Ae / 8A

### Function

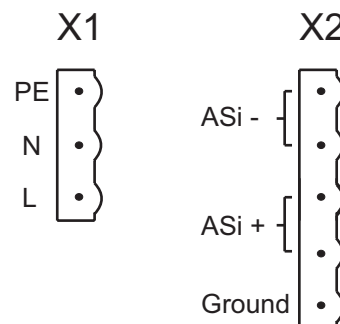
The primary switched power supply is designed for field bus applications transporting energy and data at the same time via a two-wire line. The **power pack** for the ASi supplies a completely removed ASi system with an output current of 4 A and 8 A respectively. The sinusoidal current drain from the network avoids the formation of harmonics. In addition to energy supply the **power pack** has the function of data disconnection to the supply source and balancing of the two ASi output lines towards the machine mass (shield). Because of the exact and transformer coupling unshielded load lines can be used.

### Technical data

|                            | 4A   | 8A                |
|----------------------------|--|-------------------|
| <b>Input</b>               |  |                   |
| Power factor               | approx. 0,6 (according to input voltage)                         |                   |
| Input frequency            | 47 - 63 Hz   |                   |
| Efficiency                 | approx. 90%  |                   |
| Voltage range              | 90 - 265V AC   | 115/230V AC       |
| Input current              | without idle current at 230V DC                                  |                   |
|                            | approx. 0,6A   | approx. 1,2A      |
| Input fuse                 | electronic fuse against external short circuits<br>internal fuse |                   |
| <b>Output</b>              |  |                   |
| Output Voltage             | 29,5V - 31,6V DC   |                   |
| Remaining ripple           | according to ASi-Specification                                   |                   |
| Output current             | 4A   | 8A                |
| Current limitation         | ca. 4,5A   | ca. 8,5A          |
| <b>Display</b>             |  |                   |
| LED green (PWR)            | power on (at frontside)  |                   |
| LED red (Overload)         | overload error (at frontside)                                    |                   |
| <b>Standard conformity</b> |  |                   |
| Standard                   | EN 60 950, UL 60 950   |                   |
| Operating temp.            | -10 °C ... +55 °C  |                   |
| Storage temperture         | -40 °C ... +85 °C  |                   |
| Dimensions (LxWxH)         | 126 x 70 x 129 mm  | 141 x 70 x 151 mm |



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Pin assignment (ASi power pack 4A )

| Ordering details                                       | Art. No.  |
|--|-----------|
| ASi power pack 4 A                                     | 120060000 |
| ASi power pack 4 Ae (integrated earth-leakage monitor) | 120060001 |
| ASi power pack 8 A                                     | 120060002 |