**DC power supplies**

**Stabilised DC power supply**

**Type LFS**
Single-phase electronically stabilised DC power supply. Standard voltages from 12 to 24VDC. Designed and tested according to norm EN60065. Compact design. Separate insulated windings moulded in self-extinguishing polyurethane and capsulated in plastic. Insulation class II. Built-in fuse and electronically protected against short circuit. For fixed installation, simple and easy mounting on wall or ceiling. Output voltage can be fine tuned.

**Application:**
Designed as power supply to electronic control cards and other electronics requiring stabilised DC voltage. Can under certain circumstances operate combined as power supply and constant voltage battery charger.

**Technical specifications**
- **Input voltage:** 230V +/-6%
- **Frequency:** 47-63Hz
- **Output voltage:** 12VDC, 14VDC 24VDC
- **Max Ripple:** 0.5% RMS
- **Efficiency:** >50%
- **Voltage adjustment:** <2.5%
- **According to:** EN60065
- **Test/insulating voltage:** 4.2kV AC RMS
- **Construction class:** II
- **Insulation class:** B (130°C)
- **Ambient temp. (t_a):** 25°C
- **Degree of protection:** IP44

**Wiring diagram**

**Dimensions**

<table>
<thead>
<tr>
<th>Type</th>
<th>Voltage Sec.DC (V)</th>
<th>Current Sec. (A)</th>
<th>Power (VA)</th>
<th>Losses (W)</th>
<th>Dimensions AxBxC (mm)</th>
<th>Weight (Kg)</th>
<th>Art. no.</th>
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</thead>
<tbody>
<tr>
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<td>12</td>
<td>2.2</td>
<td>26</td>
<td>26</td>
<td>92x130x87</td>
<td>1.7</td>
<td>3-190-500402</td>
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<td>30</td>
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