### Variable Three-phase AC Power Supply 0 to 450 V - REOLAB 312

### Description

The AC laboratory power supply is required in every test bay, laboratory or quality assurance department for test and development purposes. The device under test can be operated with a variable supply, thus permitting overvoltage and undervoltage tests to be conducted, as well as endurance tests.

- Conforms to: VDE 0552; VDE 0532
- Test voltage: 3 kV in the primary circuit
- Protection: IP 20
- Ambient temperature: 40°C

### Circuit diagram
**Technical Data**

- Rated Voltage: 400 V
- Rated Power: 14 kW/kVA
- Output Voltage: 0 - 450 V
- Output Current: 18 A

### Type

<table>
<thead>
<tr>
<th>Type</th>
<th>Rated voltage [V]</th>
<th>Rated power [kVA]</th>
<th>Output voltage [V] AC</th>
<th>Output current [A] AC</th>
<th>Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>REOLAB 312/14 AC output</td>
<td>3 x 400 50 / 60 Hz</td>
<td>max. 14</td>
<td>3 x 0 – 450</td>
<td>3 x 18</td>
<td>Star / Auto</td>
</tr>
</tbody>
</table>

**Features**

- Master switch with low-voltage trip
- Mains filter
- Inrush current limiting
- Power contactor in the output
- Analog voltage and current meters
- Selector switch for voltage and current meters
- Automatic circuit breaker
- Illuminated pushbutton for secondary output
- Safety laboratory sockets

**Options**

- Digital voltage and current meters
- External connection for emergency Off circuit
- External connection of warning lamps
- 3 voltage and current meters per phase
Dimension drawing