

GEMINI

The GEMINI single-phase voltage stabiliser is able to adjust the output voltage within $\pm 3\%$ of the rated voltage.

The supplied load is protected both from $-18\%/+14\%$ variations of the input voltage and from short but high overvoltages (4kV).

The main characteristics of the GEMINI electronic voltage stabilisers can be summarised as follows:

- Reliable operation thanks to a microprocessor full control
- Compact size
- Quick response time
- High efficiency
- Insensitivity to load power factor (cos phi)
- Wide range of information available via the front LED panel

Information available:

- Mains input voltage exceeding regulation limits
- Mains frequency exceeding limit
- Load lower than 25%, 50%, 75%, 100%
- Overload
- Alarm for input overvoltage and/or overheating (the visual alarm is accompanied by an acoustic alarm)

The logic control is based on a microprocessor.

GEMINI STANDARD FEATURES

<i>FREQUENCY</i>	<i>48/62Hz</i>
<i>ADMITTED LOAD VARIATION</i>	<i>from 0 to 100%</i>
<i>ADMITTED LOAD UNBALANCE</i>	<i>up to 100%</i>
<i>MAINS WAVEFORM DISTORTION INCREMENT</i>	<i>< 0.5%</i>
<i>COOLING</i>	<i>Natural ventilation</i>
<i>AMBIENT TEMPERATURE</i>	<i>-15/+45 °C</i>
<i>STORAGE TEMPERATURE</i>	<i>-25/+60°C</i>
<i>RELATIVE HUMIDITY</i>	<i>95%</i>
<i>ADMITTED OVERLOAD</i>	<i>1.5 In 5 sec</i>
<i>COLOUR</i>	<i>RAL 7035</i>
<i>PROTECTION</i>	<i>IP 21</i>
<i>INSTALLATION</i>	<i>Indoor</i>

GEMINI SINGLE-PHASE VOLTAGE STABILISER

<i>TYPE</i>	<i>RATED POWER [kVA]</i>	<i>INPUT VOLTAGE -18% +14% [V]</i>	<i>MAX INPUT CURRENT [A]</i>	<i>OUTPUT VOLTAGE $\pm 3\%$ [V]</i>	<i>RATED OUTPUT CURRENT [A]</i>	<i>EFFICIENCY [%]</i>	<i>RESPONSE TIME [ms/V]</i>	<i>CABINET</i>	<i>WEIGHT [kg]</i>
<i>E50</i>	0.5	230	3	230	2	>98	2	14	8
<i>E100</i>	1	230	5	230	4	>98	2	14	10
<i>E200</i>	2	230	11	230	9	>98	2	15	20
<i>E400</i>	4	230	21	230	17	>98	2	15	25
<i>E500</i>	5	230	27	230	22	>98	2	15	27
<i>E1000</i>	10	230	52	230	43	>98	2	16	51

