

## CURRENT STABILIZER ST30-115AC



Current stabilizer ST30-115AC is designed to supply LED lamps based on Luxeon™ LEDs in cabins of aircraft.

- Compact aluminum case with polymeric coating
- Built-in digital potentiometer
- Vibration- and shockproof
- Stability against variation of atmosphere pressure
- Protection against input voltage peaks
- Overvoltage protection.
- Short-circuit and overload protection
- I/O isolation

### TECHNICAL SPECIFICATION

Input voltage (three-phase), V? ?	115±18.5 / 200
Input frequency, Hz	400±40
Output current, A	0.3±0,015
Instability of output current at change of input voltage, %	±2
Range of current adjustment, %	2 – 100
I/O isolation voltage, V? ?	1500
Efficiency, %	70 – 82*
MTBF, h	45000
Operating temperature range, °?	-20...+55
Degree of protection	IP20
Dimensions, mm <sup>3</sup>	140×43×29
Weight, kg	0.17

\* Depending on type of stabilizer (see table below)

### TYPES OF STABILIZERS

Stabilizer, P/N	P/N of recommended LED lamp
<b>ST30-115AC-01</b> 436624.001.000	331201.001-01 (6 LEDs)
<b>ST30-115AC-02</b> 436624.001.000-01	331201.001-02 (12 LEDs)
<b>ST30-115AC-03</b> 436624.001.000-02	331201.001-04 (24 LEDs)
<b>ST30-115AC-04</b> 436624.001.000-03	331201.001-01.5 (9 LEDs)
<b>ST30-115AC-05</b> 436624.001.000-04	331201.001 (3 LEDs)