

## CURRENT STABILIZER ST30-115AC

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



- 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
- Galvanic separation between input/output

### TECHNICAL DATA

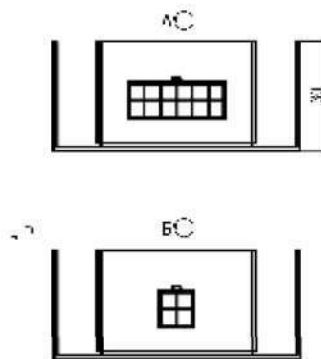
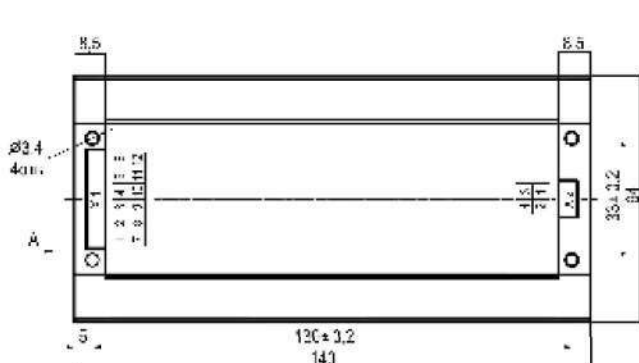
Input voltage (three-phase), VAC	115
Input frequency, Hz	400±40
Zener current, mA	300±15
Output current instability at input voltage change, % from 1 cm, not more	±2
Range of current adjustment, A	0 - 300
I/O isolation voltage, VAC	1500
Operating temperature range, °C	-20 ... +55
Efficiency, %	70 - 82*
MTBF, h	45000
Degree of protection	IP20
Dimensions, mm	140×47×29
Weight, kg	0,25

\* Depending on stabilizer type (see table below)

### STABILIZERS MODIFICATIONS

Stabilizer, P/N	P/N of recommended LED lamp
<b>ST30-115AC-01</b> 436624.001.000	Lamp COO-2-6CD 676255.001 (6LEDs) or COO-2-10CD 676255.001-01 (10 LEDs)
<b>ST30-115AC-02</b> 436624.001.000-01	Lamp COO-2-20CD 676255.001-03 (20 LEDs) or two lamps COO-2-10CD 676255.001-01
<b>ST30-115AC-03</b> 436624.001.000-02	Lamp COO-2-40CD 676255.001-07 (40 LEDs) or two lamps COO-2-20CD 676255.001-03

### PIN DESCRIPTIONS



INPUT		
CONTACT	FUNCTION	
1, 7	general( 0B )	
2, 8	Minimum	
3, 9	Maximum	
4, 10	A	~115 / 200 B, 400 Hz
5, 11	B	
6, 12	C	
OUTPUT		
Contact	Function	
1, 3	+	
2, 4	-	