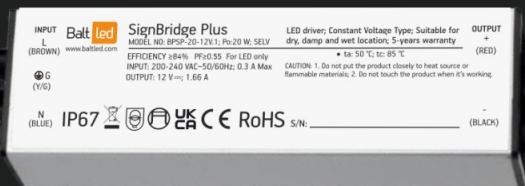


SIGNBRIDGE PLUS

20 W LED driver. Model: BPSP-20-12V.1



FEATURES

- Constant voltage mode output
- Metal housing design with functional ground
- IP67 rating for indoor or outdoor installations
- Typical lifetime $\geq 50,000$ hours
- 5 years warranty

CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015



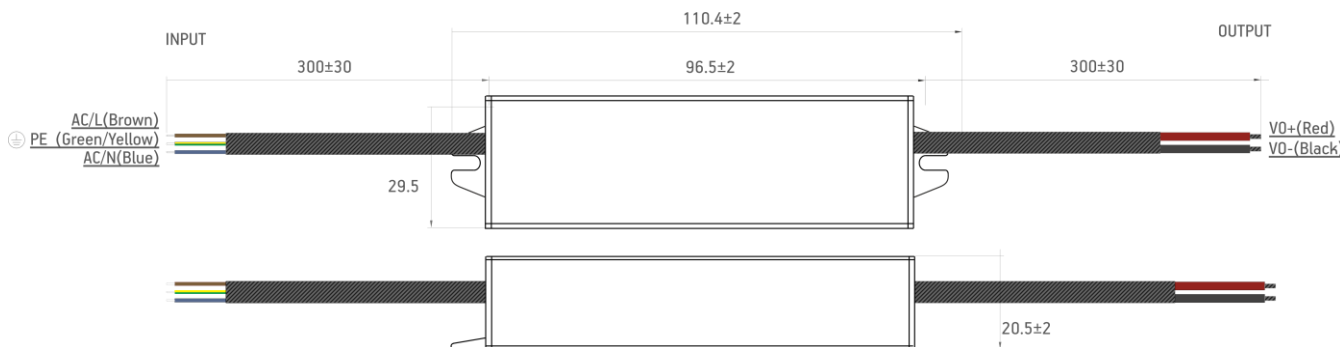
GENERAL SPECIFICATIONS

EFFICIENCY (TYP.)	$\geq 84\%$ (230 VAC)
COLD START	$\leq 3000\text{ms}$ (230 VAC)
TOTAL HARMONIC DISTORTION (THD)	$< 20\%$
OPERATING CONDITIONS	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$; $20 \sim 95\%$ humidity
STORAGE CONDITIONS	$-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$; $10 \sim 95\%$ humidity
IP CLASS	IP67
PROTECTIONS INCLUDED	Over voltage Over current Short circuit
WARRANTY	5 years, $\geq 50\,000$ h

QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B 16 A	CIRCUIT BREAKER OF TYPE C 16 A
35 units (230 VAC)	45 units (230 VAC)

DIMENSIONS



* Dimensions are in mm

INPUT

INPUT VOLTAGE RANGE	200 – 240 VAC; 50 – 60 Hz
MAX INPUT AC CURRENT	0.3 A Max
MAX INRUSH CURRENT	≤ 30 A (180-264 VAC)
POWER FACTOR	≥ 0.55 (220 VAC)

OUTPUT

OUTPUT CURRENT	1.66 A
OUTPUT VOLTAGE	12 VDC
OUTPUT POWER	20 W

ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS (LxWxH), MM
BPSP-20-12V.1	270	110.4x29.5x20.5