SIGNBRIDGE PLUS OUTDOOR

100 W LED driver. Model: **BPSP-100-12/24V.1**

FEATURES

- Metal housing design with functional ground
- Built-in active PFC function
- IP68 rating for indoor or outdoor installations
- Typical lifetime ≥50,000 hours
- 5 years warranty

CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- ENEC
- CE-LVD:
  - IEC/EN61347-1,
  - IEC/EN61347-2-13,
  - UL8750
  - UL1310

5 YEARS WARRANTY | IP 68 | ENEC 05 | UKCA | CE | RoHS Compliant

baltled signage illumination

GENERAL SPECIFICATIONS

EFFICIENCY (TYP.)	≥88% (230 VAC)
COLD START	3000 ms (230 VAC)
TOTAL HARMONIC DISTORTION (THD)	< 20%
OPERATING CONDITIONS	-40 °C ~ +55°C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP68
PROTECTIONS INCLUDED	Over voltage Over current Short circuit Over temperature
WARRANTY	5 years, ≥50 000 h

INPUT

INPUT VOLTAGE RANGE	200 – 240 Vac; 50 – 60 Hz
MAX INPUT AC CURRENT	0.8 A Max
MAX INRUSH CURRENT	≤80 A
POWER FACTOR	≥0.95 (230 VAC)

OUTPUT

OUTPUT VOLTAGE | CURRENT	12 V | 8.33 A 24 V | 4.16 A
OUTPUT POWER	100 W

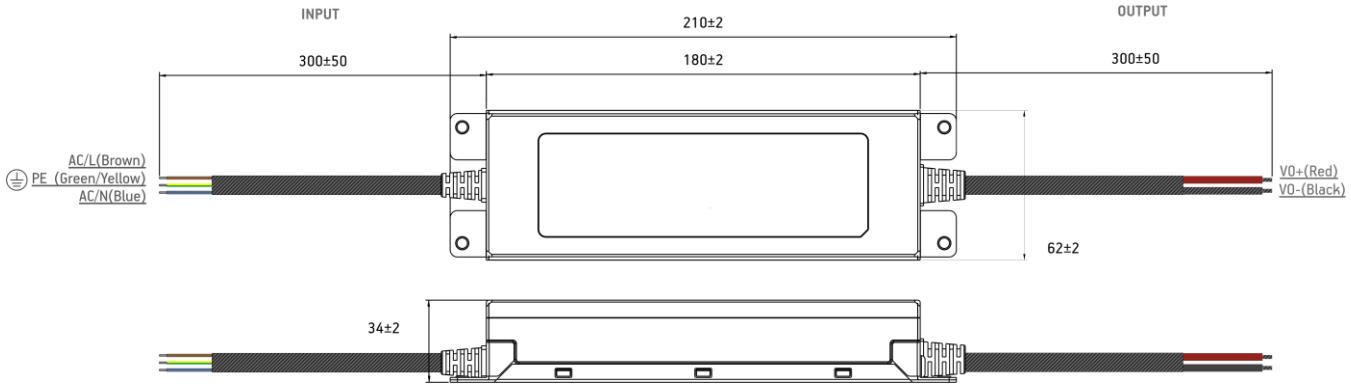
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE C 16 A	CIRCUIT BREAKER OF TYPE C 25 A
3 units (230 VAC)	8 units (230 VAC)

ORDERING INFORMATION

SKU	VOLTAGE	UNIT NET WEIGHT, G	UNIT DIMENSIONS (LxWxH), MM
BPSP-100-12V.1	12 VDC	750.0	180 x 62 x 34
BPSP-100-24V.1	24 VDC	750.0	180 x 62 x 34

DIMENSIONS (MM)



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Specifications are subject to change without notice.