LI30-20B24PR2 AC/DC DIN-Rail Power Supply

BERGER
STROMVERSORGUNGEN

36W AC-DC Converter

Advantages

LI30-20B24PR2 is AC-DC featuring a cost-effective, energy efficient solution for standard DIN-rail mounting.

The product offers a high level of stability and immunity to noise, compliant with international IEC62368 standards for EMC and safety sepecifitions meet IEC/EN61000-4, CISPR32, EN55032, UL62368, IEC62368 and EN62368.

These light weight AC-DC converters also have an extremely compact design for space saving and are ideal for applications such as industrial control equipment machinery and all kinds of application in a harsh environment.
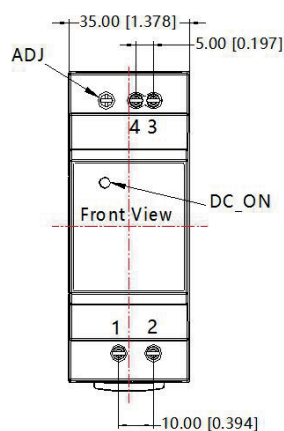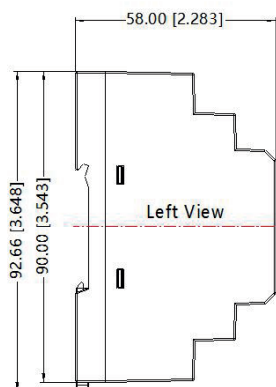
Features

- Universal 85-264VAC or 120-370VDC input voltage
- Accepts AC or DC input (dual-use of same terminal)
- Operating ambient temperature range -40 to +70℃
- High I/O isolation voltage up to 4000VAC
- Industrial-grade design
- OVC III (EN61558-1 standards)
- Low standby power consumption, high efficiency
- Low ripple & noise
- Output short circuit, over-current, over-voltage protection
- Withstand 300VAC surge input for 5s
- DIN rail TS35X7.5/ TS35X15 mountable
- Safety according to EN61558

Aplication Examples

- Vending Machines
- Industrial Controls
- Measuring Instruments
- Embedded Computer Systems

Dimensions

RoHS

3 years Warranty

IS13252(Part 1):2010/
IEC 60950-1:2005
R-41202800
www.bis.gov.in

CE Report
EN62368-1

c**UL**us
UL62368-1

CB
IEC62368-1

UKCA
BS EN 62368-1

Specifications (DIN-Rail AC/DC Converter)

Model	LI30-20B24PR2
Input voltage	85~264Vac or 120~370Vdc
Output Power	36W
Nominal Output Voltage and Current	24Vdc 1.5A
Output Voltage Adjustable Range	21.6-29.0Vdc
Efficiency at 230V ac (Typ.)	88%
Capacitive Load max.	1.400 μF
Operating temperature	-40° to +70℃
Output Load Regulation	+/- 1,5%
Safety Standards	EN62368-1
Cooling Method	Free air convection

THIRD ANGLE PROJECTION

Pin-Out	
Pin	LI30-20B
1	AC(N)
2	AC(L)
3	-Vo
4	+Vo

Note:
Unit: mm[inch]
ADJ: adjustable resistance to change output voltage
Wire range: 24-12 AWG
Tightening torque: Max 0.4 N·m
Mounting rail: TS35
General tolerances: ±1.00[±0.039]