

DC Lightning Surge Protector, 12Vdc, 30A Negative Ground



IS-12VDC-30A-NG

Features

- 18kA surge rating
- Coordinated multi-stage protection topology
- Full-mode protection

Applications

- DC Power Systems

Description

DC surge protector (also known as lightning arrestor) IS-12VDC-30A-NG from PolyPhaser utilizes a coordinated multi-stage design to protect critical hardware from lightning and other induced transients. PolyPhaser surge protector products are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
DC Operating Current			30	A
Series Impedance (DC)		0.02		Ohms
Ground Configuration		Negative DC Ground		
DC Operating Voltage		12		Volts

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge				
SURGE CURRENT IEC 61000-4-5 8/20us Waveform, 18kA Max			18	kA
Turn On Voltage (DC)		18		Vdc

Mechanical Specifications

Size

Length	4.44 in [112.78 mm]
Width/Diameter	3.88 in [98.55 mm]
Height	2.55 in [64.77 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[DC Lightning Surge Protector, 12Vdc, 30A Negative Ground IS-12VDC-30A-NG](#)

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Weight	1 lbs [453.59 g]
Configuration	
Connector	Compression Lug

Environmental Specifications

Temperature	
Operating Range	-40 to +65 deg C

Installation

Mount Type	Panel Mount
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Compliance Certifications

Plotted and Other Data

Notes:

PolyPhaser protects and increases the reliability of global RF communications networks, including transportation, telecommunications, defense, security and industrial applications, with superior RF surge protection technologies including DC Block, DC Pass and Ultra Low PIM. Backed by responsive service and expert technical support PolyPhaser continually expands its product offering and services to serve engineers' urgent needs for RF components in mission critical communication networks.

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URL: <https://www.polyphaser.com/IS-12VDC-30A-NG-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. PolyPhaser reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. PolyPhaser does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and PolyPhaser does not assume any liability arising out of the use of any part or documentation.

IS-12VDC-30A-NG CAD Drawing

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