

DC Lightning Surge Protector, 60Vdc, 8 Lines



IS-RCT

Features

- 6.5kA surge rating
- Full-mode protection

Applications

- DC Power Systems

Description

DC surge protector (also known as lightning arrester) IS-RCT 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
DC Operating Voltage		60		Volts

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge				
SURGE CURRENT IEC 61000-4-5 8/20us Waveform, 6.5kA Max				
			6.5	kA
Turn On Voltage (DC)		82		Vdc

Mechanical Specifications

Size

Length	4.4 in [111.76 mm]
Width/Diameter	3.2 in [81.28 mm]
Height	1.73 in [43.94 mm]
Weight	0.65 lbs [294.84 g]

Configuration

Connector	Screw Terminal Receptacle
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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, 60Vdc, 8 Lines IS-RCT](#)

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Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

Installation

Mount Type

Panel Mount

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.

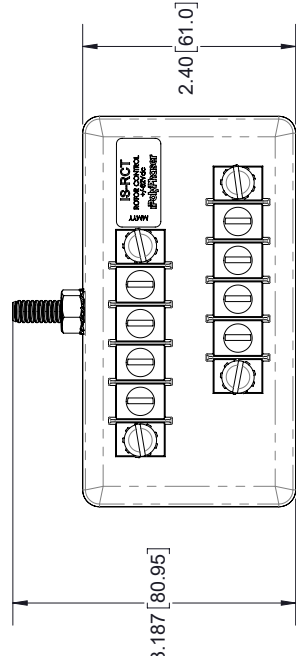
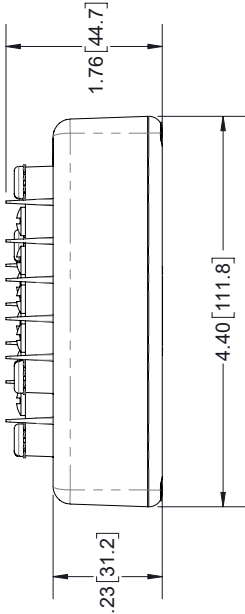
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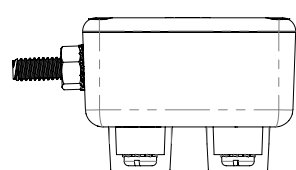
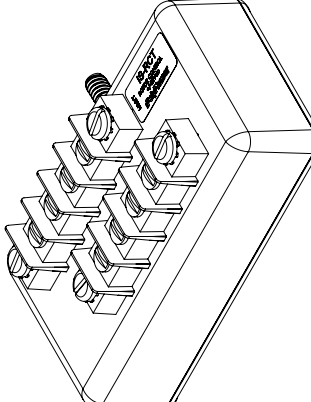
URL: <https://www.polyphaser.com/IS-RCT-p.aspx>

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-RCT CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	PRODUCTION RELEASE	5/19/2021
		APPROVED DWR

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:


X ± .2	[5.08]	FRACTIONS
XX ± .02	[.51]	+ 1/32
XXX ± .005	[.13]	ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12	[305]	± +1 [25] / -0
12 [305] < L ≤ 60	[1524]	± +2 [51] / -0
60 [1524] < L ≤ 120	[3048]	± +4 [102] / -0
120 [3048] < L ≤ 300	[7620]	± +6 [152] / -0
300 [7620] < L		± +5% / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.


THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

SCALE 1:2



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SIZE	CAGE CODE	DRAWN BY	PART NUMBER
A	30992	DMAY	IS-RCT
			REV
			A

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