RST Series
RST-5

Features
- 36kA per Phase
- UL 1449 Listed
- 10kA I-nominal Rating
- 200kA SCCR
- 3 Year Standard Warranty

Product Specifications

General Specifications

Maximum Surge Current Rating Range	36kA per Phase
UL Type Designation	Type 1
UL 1449 I-nominal Rating	10kA
UL 1449 Short Circuit Current Rating	200kA

Design Specifications

Custom MOV design for High Energy Handling in Cateogry C locations
Thermally Protected MOVs
External Parallel Connected for Mounting next to Electrical Gear
Reduced Mode of Protection (L1-N, L2-N)

Diagnostic & Status Monitoring Specifications

LED Protection Status Monitoring (Single LED Standard)

Enclosure

Polycarbonate 4.25" x 2.41" x 2.75"
Lid ultrasonically sealed
NEMA 4X
1/2 inch NPT Side Mount Nipple

Filtering

NO

Physical Specifications

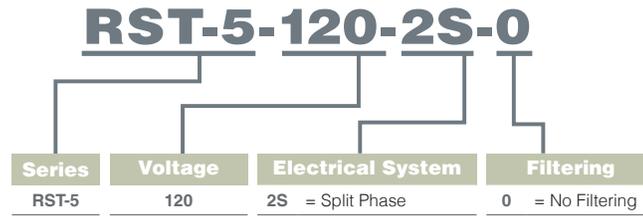|	
Humidity Range	0-95% non-condensing
Operating Frequency	50-60Hz
Operating Temperature	-35°C to +85°C
Typical Connection	18" #12 AWG (pre-wired pig tails)

UL 1449 Performance Data

System Voltage	L-N	L-G	N-G	L-L	SCCR	MCOV
240/120V Split Ø	700	–	–	1200	200kA	180

Standards Compliance & Certifications

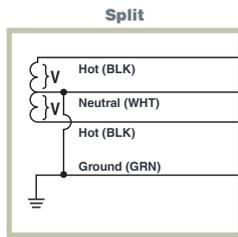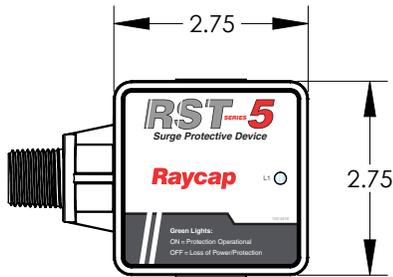| |
|---|
| UL 1449 5th Edition: 2021, cULus, (UL File: VZCA.E316468), ANSI/IEEE C62.41.1-2002, C62.41.2-2002, C62.45-2002, NEC Article 285 |
| ISO 9001:2014 Quality Management System, ISO 17025:2007 Laboratory Certification (UL DAP Program) Compliance with RoHS, REACH & California Prop 65. |
| 100% Quality Tested prior to shipping |

RST Series
RST-5

Model Number Configuration

RST-5-120-2S-0

Series	Voltage	Electrical System	Filtering
RST-5	120	2S = Split Phase	0 = No Filtering

*Flush-Mount (Part #420-0003)
sold as separate accessory.

Wiring Configurations

Split

V — Hot (BLK)
V — Neutral (WHT)
— Hot (BLK)
— Ground (GRN)

2 Hots, 1Neu, 1 Grnd

Product Diagram

2.75
2.75

RST SERIES *5*
Surge Protective Device
Raycap
Green Lights:
ON = Protection Operational
OFF = Loss of Power/Protection

4.25
3.45
2.41

1.38
1.22

Size and Mechanical Specifications

Dimensions	4.25" x 2.41" x 2.75"
Weight	0.46 lbs
Enclosure Type	Polycarbonate NEMA 4X
Installation Type	Indoor / Outdoor
Mounting Method	Flush / Flange / Through-hole

AWG=American Wire Gauge

Raycap

www.raycap.com

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