DATASHEET

OVRHR

Surge protective device



Features:

- 36 kA per phase
- UL 1449 Listed
- 10 kA I-nominal rating
- 200 kA SCCR

Catalog number: OVRHR361202S

Product specifications

General specifications	
Maximum surge current	36 kA per Phase
UL type designation	Type 1
UL 1449 I-nominal rating	10 kA
UL 1449 Short circuit current rating	65 kA

Design specifications
Custom MOV design for high energy handling in category c locations
Thermally protected MOVs
External parallel connected for mounting next to electrical gear
Reduced mode of protection (L1-N, L2-N)

Diagnostic and status monitoring specifications
LED protection status monitoring (single LED standard)

Enclosure
Polycarbonate 4.25” × 2.41” × 2.75”
Lid ultrasonically sealed
NEMA 4X
1/2 inch NPT side mount nipple

Filtering
NO

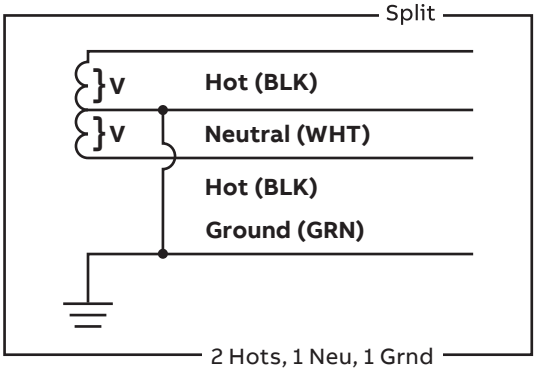
Technical data	
Humidity range	0 – 95% non-condensing
Operating frequency	50 – 60 Hz
Operating temperature	–35°C to +85°C
Typical connection	18” #12 AWG (pre-wired pig tails)

UL 1449 performance data						
System voltage	L-N	L-G	N-G	L-L	SCCR	MCOV
240/120 V split Ø	700	–	–	1200	200 kA	180

Standards compliance and certifications

UL 1449 5th Edition: 2021, cULus, 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

Wiring configuration



Size and mechanical specifications

Dimensions	4.25” × 2.41” × 2.75”
Weight	0.46 lbs
Enclosure type	Polycarbonate NEMA 4X
Installation type	Indoor / outdoor
Mounting method	Flush / flange / through-hole

Product diagram

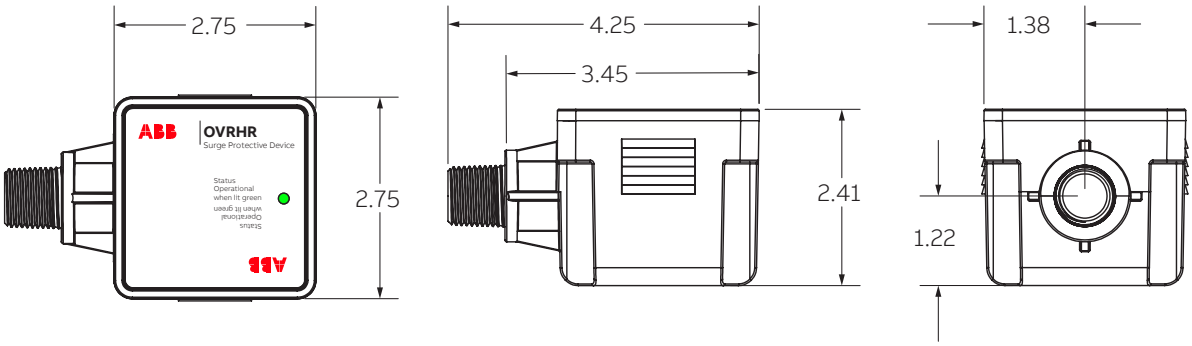


ABB Inc.
305 Gregson Drive,
Cary, NC 27511
(888) 385-1221
United States

electrification.us.abb.com

ABB has made every attempt to ensure the accuracy and reliability of the contents of this document. However, all content is provided for general informational purposes only, and ABB makes no guaranty or warranty, express or implied, as to the accuracy of any technical content, or that the information contained in this publication will be error free and all such guarantees or warranties are expressly disclaimed.

ABB may change or modify the contents at any time, without prior notice. We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction or utilization of its contents — in whole or in parts — is forbidden without prior written consent of ABB.
© 2023 ABB Inc.
All rights reserved.

1TQC123200E0063 DS REV.B JUNE 2023