Features
■ High isolation
■ Low impulse voltage let-through
■ Low impulse current let-through
■ RoHS compliant*

Applications
■ ADSL/VDSL2 data services
■ Customer Premise Equipment
■ Areas where a reliable ground connection may not be available

Model 2391 Isolated Dongle

The Bourns® Model 2391 isolated dongle is designed specifically for installations where grounding systems are not present or where the ground rod is missing due to theft or ineffective due to corrosion. Ungrounded communications circuits at the customer premise can pose a damage risk to equipment due to lightning and other transient events. Standard RJ11 connections are used for the input and output connections.

Characteristics
DC Breakdown Differential.......................................................................................................... 350 V ±20 %
Surge Response Time ............................................................................................................. < 1 μs
Surge Limiting Performance (Output)
Let-Through Voltage .............................................................................................................. < 60 V
Let-Through Current .............................................................................................................. < 1 A
Nominal Surge Life Rating
3 kV/1.5 kA - 8/20 μs Combo Wave ...................................................................................... 15 operations
1 kV - 10/1000 μs, 100 A .................................................................................................... 100 operations
600 VAC - 1 A, 1 Second ..................................................................................................... 60 operations
6 kV - 10/700 - 25 Ohms (K.21) ....................................................................................... 10 operations
Operating Temperature ........................................................................................................... 0 to +50 °C
Port to Port Dielectric (Input to Output) .................................................................................. 2.5 kVrms for 60 seconds
Moisture Sensitivity Level ....................................................................................................... 1
ESD Classification (HBM) ...................................................................................................... 3B

Product Dimensions

How to Order

Typical Part Marking

WARNING
Cancer and Reproductive Harm
www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.
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