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Bourns Releases New PortNote® Solution

DC Power Supply Port - Mobile Broadband DC Power Supply Protection

Bourns is pleased to announce the release of the *DC Power Supply Port - Mobile Broadband DC Power Supply Protection PortNote® Solution*.

Base Transceiver Station (BTS) equipment is normally powered by 48 V DC. The DC ports need to be protected, especially in harsh environments. The Bourns® Model 1320 Series DC Power Surge Protective Devices (SPDs) are designed to protect power systems from damage due to lightning, transients and power surges.

The Bourns® Model 1320 Series is easy to install (DIN Rail mountable) and maintain (visual fault indicator and remote signaling). It guards equipment safely with up to 30 KA, 8/20 µs discharge current capability.

There is no design kit associated with this PortNote® Solution. Please contact your local [Bourns Representative](#) or [Bourns Customer Service](#) for further information on ordering the product associated with the solution.

The brochure is titled "PORTNOTE SOLUTIONS DC POWER SUPPLY PORT Mobile Broadband DC Power Supply Protection". It features a photograph of a satellite in orbit at the top. The main content is organized into several sections: "Solution Product" with a small image of the SPD model 1320-S-48; "Objective" explaining that Base Transceiver Station (BTS) equipment is normally powered by 48 V DC and needs protection in harsh environments; "Compliance" listing UL1449 Type 4, Type 2 Location and Alternate Recommendations Model 1320-S-24 for 24 V DC systems; "Features & Benefits" including 30 KA, 8/20 µs surge capability, remote signaling, DIN Rail compatibility, and RoHS compliance; "Solution" identifying the DC Surge Protective Device as model 1320-S-48; and a schematic diagram showing the installation of the SPD between a DC Power Source and Protected Equipment, with a distance of 1.50 m indicated. A note states: "This Bourns® Model 1320-S-48 Surge Protective Device is listed under ENEC 1210-010 as a Type 2 Location. The schematic above best illustrates the application protection and does not constitute the complete circuit design. Customers should verify correct device performance in their specific application." At the bottom, contact information for Bourns is provided for Americas, EMEA, and Asia-Pacific, along with the website www.bourns.com and email portnote@bourns.com.