

Design Kit Release

TISP® THYRISTOR SURGE PROTECTORS

Bourns Releases New PortNote® Solution and Design Kit for Protecting 12 V and 5 V Ports

Riverside, California - May 3, 2016 - Bourns is pleased to announce the release of the *12 V and 5 V Power Port Protection PortNote® Solution* and *Design Kit*.

IEC 60335-1 (Safety Household Appliances) clause 19.11.1 as well as IEC 60730-1 clause H.27.1 (Automatic Controls) both define low power circuits and abnormal operations for fault conditions. This PortNote® Solution describes a solution to the problem of overheating during short circuit testing of low power circuits with 12 V and 5 V ports. The solution consists of the use of Bourns® Model TISP4 Series Thyristors with breakover voltages of 25 V and 15 V, respectively.

The new PortNote® Solution and Design Kit are available on the Bourns website at www.bourns.com.



PortNote® Solution	Design Kit	Components Included	Quantity
12 V and 5 V Power Port Protection	PN-DESIGNKIT-52	TISP4025H1BJR-S	5
		TISP4015H1BJR-S	5