

# LED PWM Dimmer

## PWM / Power

### Solution Products



MF-MSMF110/16-2



CDSOT23-T12C

### Objective

This solution is designed to protect LED dimmer controls with 12 VDC/1 Amp and PWM control signal from overcurrent, overvoltage, ESD and surge events.

### Solution

- 1 Multifuse<sup>®</sup> PPTC Resetttable Fuse:  
MF-MSMF110/16-2
- 2 TVS Diode Arrays: CDSOT23-T12C

### Compliance

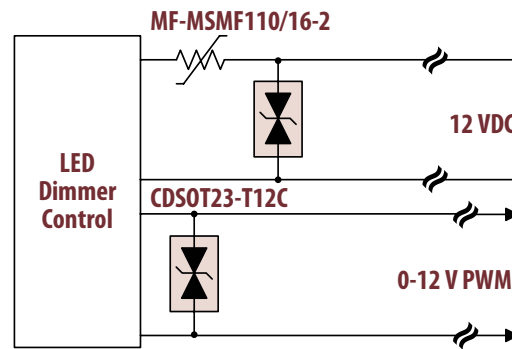
- IEC61000-4-2 ESD Level 4 (8 kV / 15 kV)
- IEC61000-4-4 EFT
- IEC61000-4-5 Surge / Lightning

### Alternate Recommendations

*Solutions are available for lower/higher levels of overvoltage/overcurrent protection*

### Benefit

This solution provides ESD/EFT/surge and supplies overcurrent protection from potential faults during installation within rated limits.



*The schematic above illustrates the application protection and does not constitute the complete circuit design. Customers should verify actual device performance in their specific applications.*

### Design Kit



PN-DESIGNKIT-29

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Bourns<sup>®</sup> PortNote<sup>®</sup> solutions provide protection recommendations for typical port threats.

For more information, go to:

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