



Bourns Releases New LAN 10/100 Base-T Transformer

Model SM91076L

Riverside, California – September 2, 2021 – Bourns Magnetics Product Line is pleased to introduce the [Model SM91076L LAN 10/100 Base-T Transformer](#). This single-port isolation transformer module contains common mode chokes for noise rejection for Ethernet/data communication applications. The surface of the transformer includes an additional metal shield that helps to resist surges from the electric system and improve the EMC performance. The Model SM91076L is compliant with the IEEE 802.3u specification and Mechatrolink automation protocols and is suitable for industrial ethernet and the Mechatrolink BUS system. This component is also MMA suggested.

This LAN transformer offers 1500 Vrms isolation voltage and an extended operating temperature range of -40 to +125 °C.

For additional details on Bourns transformers, visit the Bourns website at www.bourns.com/products/magnetic-products/transformers-signal. Should you have any questions, contact [Bourns Customer Service/Inside Sales](#).

Features

- IEEE 802.3u (100Base-T) compliant and MMA suggested
- Mechatrolink automation protocol compliant, included in Mechatrolink III
- Additional metal shield for surging immunity and superior EMC performance
- Compliant with IEC 61000-4-5 surge immunity test level 3 (2000 V)
- Expanded temperature range: -40 to +125 °C
- RoHS compliant*

Applications

- Mechatrolink BUS Systems
- Industrial Ethernet and Field BUS Systems
- Medical Equipment (low/medium risk)**

* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

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