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Moxa debuts new M12 shielded unmanaged Ethernet switches—onboard vehicle and railway industry certified

Brea, California, August 1st, 2009—Moxa introduces a new series of ToughNet M12 shielded Ethernet switches. The ToughNet switches use D-code M12 connectors and are certified to provide an ideal future-proof solution for rolling stock and railway industries where electronics devices must be able to withstand tough conditions such as vibrations, shock, power supply voltage variations, and EMI interference. Designed to meet industry standards, the ToughNet series is EN50155/50121-3-2/50121-4 and e-mark certified to ensure reliable operation under different power supply inputs and environmental disturbances.



The first to showcase in this series are the TN-5308 series products, which are 8-port industrial unmanaged M12 Ethernet switches. In addition to M12 connectors for robust connections, the TN-5308 series also supports a power supply with universal 12/24/36/48 VDC inputs (LV model) or 72/96/110 VDC inputs (MV model) to satisfy a broad range of power demands and make them ideal for universal applications. The compact and robust design of the series allows for DIN-Rail or panel mounting and the switches can be directly installed on machines at field sites without an enclosure; wiring cost can therefore be reduced. Furthermore, the TN-5308 series comes with a variety of rugged features such as wide operating temperature, fanless design, and IP40 protected metal housing for reliable operations in the presence of heavy duty applications.

Features

- M12 connectors and IP40 metal housing
- 12/24/36/48 VDC input (LV model) or 72/96/110 VDC input (MV model)
- -40 to 75°C wide operating temperature
- EN50155/50121-3-2/50121-4, NEMA TS2, and e-mark certified

About Moxa

Moxa manufactures a wide array of device networking products for industrial automation. Information about all Moxa products, which include embedded computers, Ethernet switches, wireless solutions, serial device servers, multiport serial boards, media converters, USB-to-serial converters, embedded device servers, video networking products, and active I/O solutions, is available on Moxa's corporate website at www.moxa.com. You may also contact Moxa directly by email at info@moxa.com, or by phoning +886 (2) 8919-1230.

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