

For immediate release

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NEWS RELEASE

The Skorpion Series of Ethernet Switches Just Got Smarter



Downers Grove, Illinois (June 2011) – The Skorpion series of low-cost Ethernet infrastructure products just got smarter with the introduction of the EISK8M Skorpion Managed Switch. One 8-port 10/100 Mbps copper model, and three 8-port copper/fibre models are now available. Customers can now step up to a cost effective managed switch while maintaining the benefits of the Skorpion series.

The Skorpion series, within the CTRLink line, consists of unmanaged Ethernet switches, media converters and IP routers. Intended for convenient mounting in control panels, they are very popular because of their low-cost, they are housed in a rugged metal enclosure, their compact design requires little DIN-rail space and they can

share power with the control panel's common 24 VAC/VDC power supply. Intended for general purpose automation systems, the products are simple to use.

A managed Skorpion switch adds much more flexibility to an automation project. By a managed switch, we mean that the switch supports the SNMP protocol. Its MIBs data can be accessed from standard SNMP management tools. In addition to standard unmanaged features such as auto-negotiation and auto-MDIX, there are numerous features only found in a managed switch such as:

- IGMP snooping & query functionality
- Cable redundancy using RSTP or RapidRing®
- Virtual LAN support (Port VLAN and 802.1Q)
- Quality of Service (QoS) support (802.1p, DiffServ, TOS, Port-based, MAC-based)
- Port mirroring, rate limiting and port security
- Authentication
- Trunking
- Programmable Fault Relay

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The EISK8M Series is extremely compact and rated over the industrial temperature range. Fibre optic distances up to 15 km are possible with the single-mode option. Each unit can be configured via its web pages — and can be powered either from a low voltage AC or DC source.

The EISK8M Series provides standard plug-and-play features such as auto-negotiation and Auto-MDIX — allowing for quick and simple installation. However, these features plus full-duplex can be individually set for each copper port.

Three models offer two fibre ports. You can choose single-mode transceivers with SC connectors (providing 15 km cable distance) or multimode transceivers with either SC or ST connectors. The copper ports can auto-negotiate 10 Mbps, 100 Mbps, half- or full-duplex. With Auto-MDIX, either straight-through or crossover cables may be used to connect any of the copper ports to similar ports on another switch.

In addition to one power LED and one CPU status LED, each port has LEDs showing link/activity/data rate by colour: green for 100 Mbps and yellow for 10 Mbps. Flashing indicates port activity. The EISK8M Series is designed for DIN-rail mounting.

There are several low-voltage AC or DC powering options from 24 VAC or from 10–36 VDC. Provisions exist for redundant power connections.

Visit the Skorpion Managed Switch product page at www.ccontrols.com/eiskm for ordering information.

About Contemporary Controls

Contemporary Controls is your ideal partner for applying network technology to your BACnet building automation project. With over 30 years of networking experience, locations around the world, and a reputation for technical support, Contemporary Controls has the expertise required to make your building automation projects successful. For more information, visit www.ccontrols.com, call 630-963-7070 or email info@ccontrols.com.