



## ETHERNET MEDIA CONVERTERS

### Fully-configurable and Manageable 3-port Network Switches

The MultiLink MC-E10, MC-E100, and MC-E1000 are a family of environmentally-hardened Ethernet Fiber media converters that include an integrated 2-port copper switch for device access. With options for a wide variety of AC and DC power supplies, as well as the ability to configure the fibre port type and speed, MultiLink Converters provide a flexible, robust, plug-and-play solution for extending your Ethernet network.

#### KEY BENEFITS

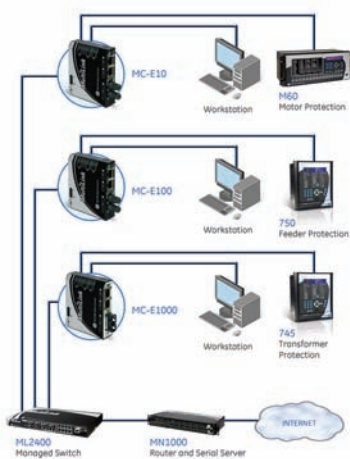
- Provides reliable Ethernet communications to remote locations and field devices
- Plug-and-play operation
- Integrates with almost any standard power source or voltage type
- Allows connection of multiple remote devices
- Enables remote card readers, video cameras, etc. for perimeter security applications

#### FEATURES

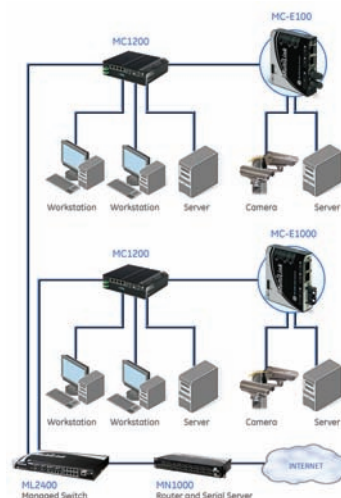
- -40°C to +75°C operating temperature
- UL/CE Listed
- Meets IEC 61850 specifications
- Options for 10Mbps, 100Mbps, and 1000Mbps
- Power supply options from 12VDC to 230VDC
- Dual power input options for increased redundancy
- Extremely compact form factor allows for mounting in virtually any location
- Integrated 2-port switch for connecting multiple devices or to connect on-site workers to the network



#### Protective Relaying Application



#### Video Surveillance Application



## Ordering

### MC-E10

	MC-E10	***	-	**	-	*	-	Description
Base Unit	MC-E10							Base Unit
Power Supply		230						MC-E10 Converter 230VAC
		115						MC-E10 Converter 115VAC
		48D						MC-E10 Converter 48VDC
		24D						MC-E10 Converter 24VDC
		12D						MC-E10 Converter 12VDC
Modules				F1				10Mbit ST mm Fiber
				F2				10Mbit ST sm Fiber 15km
						X		None
						H		Harsh Chemical Environment Conformal Coating
						Z		RoHS-compliant
						Y		RoHS-compliant with Harsh Chemical Environment Coating

### MC-E100

	MC-E100	***	-	**	-	*	-	Description
Base Unit	MC-E100							Base Unit
Power Supply		230						MC-E100 Converter 230VAC
		115						MC-E100 Converter 115VAC
		48D						MC-E100 Converter 48VDC
		24D						MC-E100 Converter 24VDC
		12D						MC-E100 Converter 12VDC
Modules				F1				100Mbit SC mm Fiber
				F2				100Mbit ST mm Fiber
				F3				100Mbit MTRJ mm Fiber
				F4				100Mbit LC mm Fiber
				F5				100Mbit SC sm Fiber 20km
				F6				100Mbit SC sm Fiber 40km
				F7				100Mbit ST sm Fiber 20km
				F8				100Mbit LC sm Fiber 15km
				F9				100Mbit LC sm Fiber 40km
						X		None
						H		Harsh Chemical Environment Conformal Coating
					Z		RoHS-compliant	
					Y		RoHS-compliant with Harsh Chemical Environment Coating	

### MC-E1000

	MC-E1000	***	-	**	-	*	-	Description
Base Unit	MC-E1000							Base Unit
Power Supply		230						MC-E1000 Converter 230VAC
		115						MC-E1000 Converter 115VAC
		48D						MC-E1000 Converter 48VDC
		24D						MC-E1000 Converter 24VDC
		12D						MC-E1000 Converter 12VDC
Modules				F1				1000Mbit SC mm Fiber 550m
				F2				1000Mbit SC mm Fiber 2km
				F3				1000Mbit LC sm Fiber 10km
				F4				1000Mbit LC sm Fiber 25km
				F5				1000Mbit LC sm Fiber 40km
				F6				1000Mbit LC sm Fiber 70km
						X		None
					H		Harsh Chemical Environment Conformal Coating	
					Z		RoHS-compliant	
					Y		RoHS-compliant with Harsh Chemical Environment Coating	