



KEY FEATURES

- ▶ 10/100BaseT Ethernet Modbus TCP Interface
- ▶ 32 optically isolated inputs
- ▶ Removable screw terminals simplify field wiring
- ▶ Input power via terminal block or modular connector
- ▶ DIN rail mount or table mount
- ▶ software supports Windows 2000/XP/Vista operating systems

DESCRIPTION

Interface 32 optically isolated inputs via any Ethernet connection with the ELK-EDIO430E. Inputs can range from 5-30VDC and provide 300V external isolation and high channel-to-channel isolation. Connection is made using convenient 3.5mm removable screw terminal connectors. The ELK-EDIO430E is powered from your 9-30VDC source, or select from a variety of power supply options. Communicate with the ELK-EDIO430E using industry standard Modbus TCP protocol or use the SeaMAX API software libraries from your application program. SeaMAX software drivers and utilities make installation and operation easy using Windows 2000, XP and Vista operating systems. Expand your I/O network with ELK-EDIO "N" series products. Seal/O modules are available with Reed and Form C relays, optically isolated inputs, TTL interfaces, A/D and D/A functionality. Up to 246 additional expansion modules can be added using convenient pass-through connectors.

SPECIFICATIONS

Number of I/O	32 Inputs
Input Isolation	300V
Input Range	5-30 VDC
Input Resistance	6.2K Ohms (in series)
Operating Temperature	0 - +70°C
Storage Temperature	-50 - +105°C
Humidity range	10 - 90% R.H.
Power Requirement	9-30 VDC @ 1.9W
Dimensions	7.5" (L) x 5.1" (W) x 1.3" (H)

ORDERING INFORMATION

MODEL	DESCRIPTION
ELK-EDIO430E	Ethernet Modbus TCP to 32 Isolated Inputs
ELK-410N	16 Optically Isolated Input / 16 Reed Relay Output I/O Expansion Module
ELK-420N	16 Optically Isolated Input / 8 Form C Relay Output I/O Expansion Module
ELK-430N	32 Optically Isolated Input I/O Expansion Module
ELK-440N	32 Reed Relay Output I/O Expansion Module
ELK-450N	16 Form C Relay Output I/O Expansion Module
ELK-462N	96 Channel TTL Digital Interface I/O Expansion Module
ELK-463N	96 Channel TTL Digital Interface I/O Expansion Module
ELK-470N	16 A/D, 2 D/A, 8 24V Outputs, 8 Isolated Inputs I/O Expansion Module
ELK-520N	8 Optically Isolated Input / 8 High-Current Form C Relay Output I/O Expansion Module
ELK-CA246	CAT5 Patch Cable, 7' in Length - Blue
ELK-CA247	CAT5 Patch Cable, 10' in Length - Blue
ELK-CA251	CAT5 Crossover Cable, 7' in Length - Yellow
ELK-POE-SP-EX	Power Over Ethernet (PoE) Extractor with 5V/12V Switch
ELK-POE-SP-KT	Power Over Ethernet (PoE) Kit with 5V/12V Switch
ELK-PS105	90-265VAC to 12VDC/5VDC Power Supply
ELK-RK-CLAMP	19" Rack Tray Clamp
ELK-RK1U	1U 19" Rack Tray
ELK-RK2U	2U 19" Rack Tray
ELK-TR109	120VAC to 24VDC @ 500mA, Wall Mount Power Supply - (Multiple-Unit)
ELK-TR112	120VAC to 24VDC @ 250mA, Wall Mount Power Supply - (Single-Unit)

All Specifications within this document are subject to change without notice.



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