

Automation Products Parts List

ConneXium™ Networking and Communication Components

Catalog Number	Description
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ConneXium – Industrial Ethernet Hub

499NEH10410	Ethernet Hub, 4 10Base-T Ports (RJ45 Connectors) For Ethernet Twisted Pair Cable (SFTP)
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ConneXium – Industrial Ethernet Transceiver

499NTR10100	Ethernet Transceiver, 1 100Base-TX Port (RJ45 Connector) For Ethernet Twisted Pair Cable (SFTP) and 1 100Base-FX Port (SC Connector) for Fiber Optic Ethernet Cable
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ConneXium – Industrial Ethernet Switch–Unmanaged

TCSESU033FN0	ConneXium Ethernet Unmanaged Switch, 3 10/100 Base-TX ports, copper, RJ45.
TCSESU053FN0	ConneXium Ethernet Unmanaged Switch, 5 10/100 Base-TX ports, copper, RJ45.
TCSESU043F1N0	ConneXium Ethernet Unmanaged Switch, 4TX/1FX Multi-mode: 4 10/100 Base TX ports, copper, RJ45 and 1 100 Base-FX fiber multi-mode (SC duplex connector).
499NES18100	Ethernet Unmanaged Switch, 8 10BASE-T/100BASE-TX Ports (RJ45 Connectors) without SNMP and without Redundant Network Management
499NES25100	Ethernet Unmanaged Switch 5 10/100 Base-TX Ports (RJ45 Connectors)
499NMS25101	Ethernet Unmanaged Switch 4TX/1FX Multi-mode: 4 10/100 Base-TX Ports (RJ45) and 1 100 Base-FX multi-mode (SC duplex connector)
499NMS25102	Ethernet Unmanaged Switch 3TX/2FX Multi-mode: 3 10/100 Base-TX Ports (RJ45) and 2 100 Base-FX multi-mode (SC duplex connector)
499NSS25101	Ethernet Unmanaged Switch 4TX/1FX Single-mode: 4 10/100 Base-TX Ports (RJ45) and 1 100 Base-FX single-mode (SC duplex connector)
499NSS25102	Ethernet Unmanaged Switch 3TX/2FX Single-mode: 3 10/100 Base-TX Ports (RJ45) and 2 100 Base-FX single-mode (SC duplex connector)
TCSESU051F0	IP67 Ethernet ConneXium Switch 5TX, 5 x 10/100TX ports, M12 connection, IP67 rated enclosure

Note: For systems designed to operate with ConneXview Monitoring and Diagnostic software, it is recommended that Managed Switches are used for best performance and to take advantage of the SNMP or ModBus/TCP functionality.

ConneXium – Industrial Ethernet Switch–Managed

TCSESM043F23F0	Ethernet Managed Switch 4TX, 4 x 10/100 BASE-TX ports (RJ45 Connectors), 2 ports can be used to build redundant copper ring structures
TCSESM043F1CU0	Ethernet Managed Switch 3TX/1FX-MM, 3 x 10BASE-T/ 100BASE-TX ports, 1 x 100BASE-FX port, SC connector, multimode fiber
TCSESM043F2CU0	Ethernet Managed Switch 2TX/2FX-MM, 2 x 10BASE-T/ 100BASE-TX ports, 2 x 100BASE-FX ports, SC connector, multimode fiber
TCSESM043F1CS0	Ethernet Managed Switch 3TX/1FX-SM, 3 x 10BASE-T/ 100BASE-TX ports, 1 x 100BASE-FX port, SC connector, singlemode fiber
TCSESM043F2CS0	Ethernet Managed Switch 2TX/2FX-SM, 2 x 10BASE-T/ 100BASE-TX ports, 2 x 100BASE-FX ports, SC connector, singlemode fiber
TCSESM083F23F0	Ethernet Managed Switch 8TX, 8 x 10/100 BASE-TX ports (RJ45 Connectors), 2 ports can be used to build redundant copper ring structures (Replaces the 499NES27100)
TCSESM083F1CU0	Ethernet Managed Switch 7TX/1FX-MM, 7 x 10BASE-T/ 100BASE-TX ports, 1 x 100BASE-FX port, SC connector, multimode fiber
TCSESM083F2CU0	Ethernet Managed Switch 6TX/2FX-MM, 6 x 10BASE-T/ 100BASE-TX ports, 2 x 100BASE-FX ports, SC connector, multimode fiber (Replaces the 499NOS27100)
TCSESM083F1CS0	Ethernet Managed Switch 7TX/1FX-SM, 7 x 10BASE-T/ 100BASE-TX ports, 1 x 100BASE-FX port, SC connector, singlemode fiber
TCSESM083F2CS0	Ethernet Managed Switch 6TX/2FX-SM, 6 x 10BASE-T/ 100BASE-TX ports, 2 x 100BASE-FX ports, SC connector, singlemode fiber (Replaces the 499NSS27100)
TCSESM083F2CX0	Ethernet Managed Switch 6TX/1FX-MM/1FX-SM, 6 x 10BASE-T/ 100BASE-TX ports, 1 x 100BASE-FX port, SC connector, multimode fiber, 1 x 100BASE-FX port, SC connector, singlemode fiber
TCSESM163F23F0	Ethernet Managed Switch 16TX, 16 x 10/100 BASE-TX ports (RJ45 Connectors), 2 ports can be used to build redundant copper ring structures (Could replace two 499NES27100)
TCSESM163F2CU0	Ethernet Managed Switch 14TX/2FX-MM, 14 x 10BASE-T/ 100BASE-TX ports, 2 x 100BASE-FX ports, SC connector, multimode fiber (Could replace two 499NOS27100)
TCSESM243F2CU0	Ethernet Managed Switch 22TX/2FX-MM, 22 x 10BASE-T/ 100BASE-TX ports, 2 x 100BASE-FX ports, SC connector, multimode fiber
TCSESM103F23G0	Ethernet Managed Switch 8TX/2TX-Gbit, 8 x 10/100 BASE-TX ports (RJ45 Connectors), 2 x 10/100/1000 BASE-TX (RJ45 connectors), these ports can be used to build redundant copper ring structures.
TCSESM103F2LG0	Ethernet Managed Switch 8TX/2SFP-Gbit, 8 x 10/100 BASE-TX ports (RJ45 Connectors), 2 x 1000 (SFP socket), these ports can be used to build redundant fiber ring structures. NOTE: These products ship with open sockets (SFP) on the fiber ports, so to use these ports, you must order 1, or 2, media modules shown below. Distances between nodes depend on the fiber module used.

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Catalog Number	Description
TCSEAAF1LFU00 TCSEAAF1LFS00 TCSEAAF1LFH00 TCSEAM0100	Fiber module port SFP-SX/LC, 0-550meters, MM (used within TCSESM103F2LG0)Fiber module port SFP-LX/LC, 0-550 meters, MM, or 0-20Km, SM (used within TCSESM103F2LG0)Fiber module SFP-LH/LC, 24-72Kometers, Long-Haul (used within TCSESM103F2LG0)New TCS version Ethernet Switch Memory Back up Adapter

ConneXium – Ethernet Bridge Devices

174CEV20040	ModBus Plus-to-Ethernet Bridge, Unity compatible
TSXETG100	ConneXium Gateway Module: Provides Ethernet TCP/IP connectivity to all ModBus devices. Serial master or slave device to Ethernet TCP/IP devices. Advanced security through ModBusTCP/IP Filtering.
TCSEQM113M13M	ConneXium TeSysPort Gateway. Ethernet interface for any TeSys U and TeSys T control products, acting as a gateway/ converter between a single TeSys Modbus/RTU (RS-485) device and the physical layer of Ethernet Modbus/TCP networks in slave mode.
TCSEAK0100	ConneXium Gateway Configuration Kit–Serial Line/Ethernet: Adapter for connecting DB9 female RS232 connection to RJ45. Ethernet crossover cable for module configuration via RS232 port or Ethernet port.
TCSEAV0100	ConneXium Gateway Power Over Ethernet Mid-Span Injector Kit: IEEE 802.3 compliant active mid-span injector to provide control power to the ETG100. Global supply cord and plugs for US, UK, central Europe, & Australia. Ethernet patch cable.

FactoryCast™ Ethernet Gateway

FactoryCast Ethernet Gateways are standalone modules used as an intelligent WEB-enabled gateway between Ethernet TCP/IP infrastructures and ModBus/Unitelway serial devices, provides pre-defined or user customizable Embedded WEB server Maintenance/Data pages and E-mail notifications. E-services like remote E-maintenance and E-diagnostics allow cost-effective access and monitoring that maximizes system up-time.

TSXETG1000	FactoryCast Ethernet Gateway, ModBus-to-Ethernet connectivity Ports: 1 10/100TX (RJ45) Ethernet, 1 ModBus Serial RS485, ext. Modem/Config RS232. 8MB for custom web pages & files.
TSXETG1010	FactoryCast Ethernet Gateway, Unitelway or ModBus-to-Ethernet connectivity Ports: 1 10/100TX (RJ45) Ethernet, 1 Unitelway or ModBus Serial RS485, ext. Modem/Config RS232. 8MB for custom web pages & files.
TSXETG3000	FactoryCast HMI intelligent Ethernet Gateway, provides active real-time OS (non-Windows) for data access to/from Ethernet or Serial devices, open database write, data logging and custom web graphics (32MB on-board), CF memory expansion. (Available 1 st Quarter 2008)
TSXETG3010	FactoryCast HMI intelligent Ethernet Gateway. Built-in PSTN modem, digital I/O, active real-time OS (non-Windows) for data access to/from Ethernet or Serial devices, open database write, data logging and custom web graphics (32MB on-board), CF memory expansion. (Available 1 st Quarter 2008)
TSXETGACC01	FactoryCast HMI GatewayConnector pack for power supply and for embedded digital I/Os interface for ETG3010, 3021. (Available 1 st Quarter 2008)
TSXETGACC02	FactoryCast HMI Gateway replacement battery. (Available 1 st Quarter 2008)
TSXETGCF01GI	1 GB Compact Flash industrial memory card (-40 to 85 °C) (Available 1 st Quarter 2008)

ConneXium – Industrial Ethernet Cables

490NTW00002U 490NTW00005U 490NTW00012U 490NTW00040U 490NTW00080U	2M Ethernet Shielded Twisted Pair Cable With 2 RJ45 Pre-Assembled Connectors–UL & CSA Approved5M Ethernet Shielded Twisted Pair Cable With 2 RJ45 Pre-Assembled Connectors–UL & CSA Approved12M Ethernet Shielded Twisted Pair Cable With 2 RJ45 Pre-Assembled Connectors–UL & CSA Approved40M Ethernet Shielded Twisted Pair Cable With 2 RJ45 Pre-Assembled Connectors–UL & CSA Approved80M Ethernet Shielded Twisted Pair Cable With 2 RJ45 Pre-Assembled Connectors–UL & CSA Approved
490NTC00005U 490NTC00015U 490NTC00040U 490NTC00080U 490NOC00005	5M Ethernet Shielded Twisted Pair Cable, Crossed, With 2 RJ45 Pre-Assembled Connectors–UL & CSA Approved15M Ethernet Shielded Twisted Pair Cable, Crossed, With 2 RJ45 Pre-Assembled Connectors–UL & CSA Approved40M Ethernet Shielded Twisted Pair Cable, Crossed, With 2 RJ45 Pre-Assembled Connectors–UL & CSA Approved80M Ethernet Shielded Twisted Pair Cable, Crossed, With 2 RJ45 Pre-Assembled Connectors–UL & CSA Approved5M Ethernet Fiber Optic Cable With MT/RJ-SC Pre-Assembled Connectors B14
490NOT00005 490NOR00005	5M Ethernet Fiber Optic Cable With MT/RJ-ST Pre-Assembled Connectors5M Ethernet Fiber Optic Cable With MT/RJ-MT/RJ Pre-Assembled Connectors

ConneXium – Industrial Ethernet Cables (INTERNATIONAL CABLES NOT UL APPROVED)

490NOC00005 490NOT00005 490NOR00005	Ethernet Fiber Optic Cable with MT/RJ-SC Pre-Assembled Connectors, Length 5MEthernet Fiber Optic Cable with MT/RJ-ST Pre-Assembled Connector, Length 5MEthernet Fiber Optic Cable with MT/RJ-MT/RJ Pre-Assembled Connectors, Length 5M
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ConneXium – Industrial Light-duty IP67 Ethernet Cables: CE-mark (NOT UL APPROVED)

TCSECL1M3M1S2 TCSECL1M3M3S2 TCSECL1M3M5S2 TCSECL1M3M10S2 TCSECL1M3M25S2	Ethernet Patch Cable; Straight; RJ45 Male to M12 Male; 1 meterEthernet Patch Cable; Straight; RJ45 Male to M12 Male; 3 metersEthernet Patch Cable; Straight; RJ45 Male to M12 Male; 5 metersEthernet Patch Cable; Straight; RJ45 Male to M12 Male; 10 metersEthernet Patch Cable; Straight; RJ45 Male to M12 Male; 25 meters
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TCSECL1M3M40S2 TCSECL1M1M1S2 TCSECL1M1M3S2 TCSECL1M1M5S2 TCSECL1M1M10S2	Ethernet Patch Cable; Straight; RJ45 Male to M12 Male; 40 meters Ethernet Patch Cable; Straight; M12 Male to M12 Male; 1m Ethernet Patch Cable; Straight; M12 Male to M12 Male; 3m Ethernet Patch Cable; Straight; M12 Male to M12 Male; 5m Ethernet Patch Cable; Straight; M12 Male to M12 Male; 10m
TCSECL1M1M25S2 TCSECL1M1M40S2 TCSEAAF11F13F00	Ethernet Patch Cable; Straight; M12 Male to M12 Male; 25m Ethernet Patch Cable; Straight; M12 Male to M12 Male; 40m Ethernet Bulkhead through-door adapter; M12 Female (IP67) to RJ 45 Female (IP20)

ConneXium – ConneXview Industrial Ethernet Diagnostic Software

TCSEAZ01PSFM20C	ConneXview V2.0 Client version industrial Ethernet commissioning, maintenance and troubleshooting diagnostic software. SINGLE User License.
TCSEAZ01PSFM20S	ConneXview V2.0 SERVER version industrial Ethernet commissioning, maintenance and troubleshooting diagnostic software. SINGLE User Server License.
TCSEAZ01DSFM20S	ConneXview V2.0 DEMO version industrial Ethernet commissioning, maintenance and troubleshooting diagnostic software. DEMO CD.