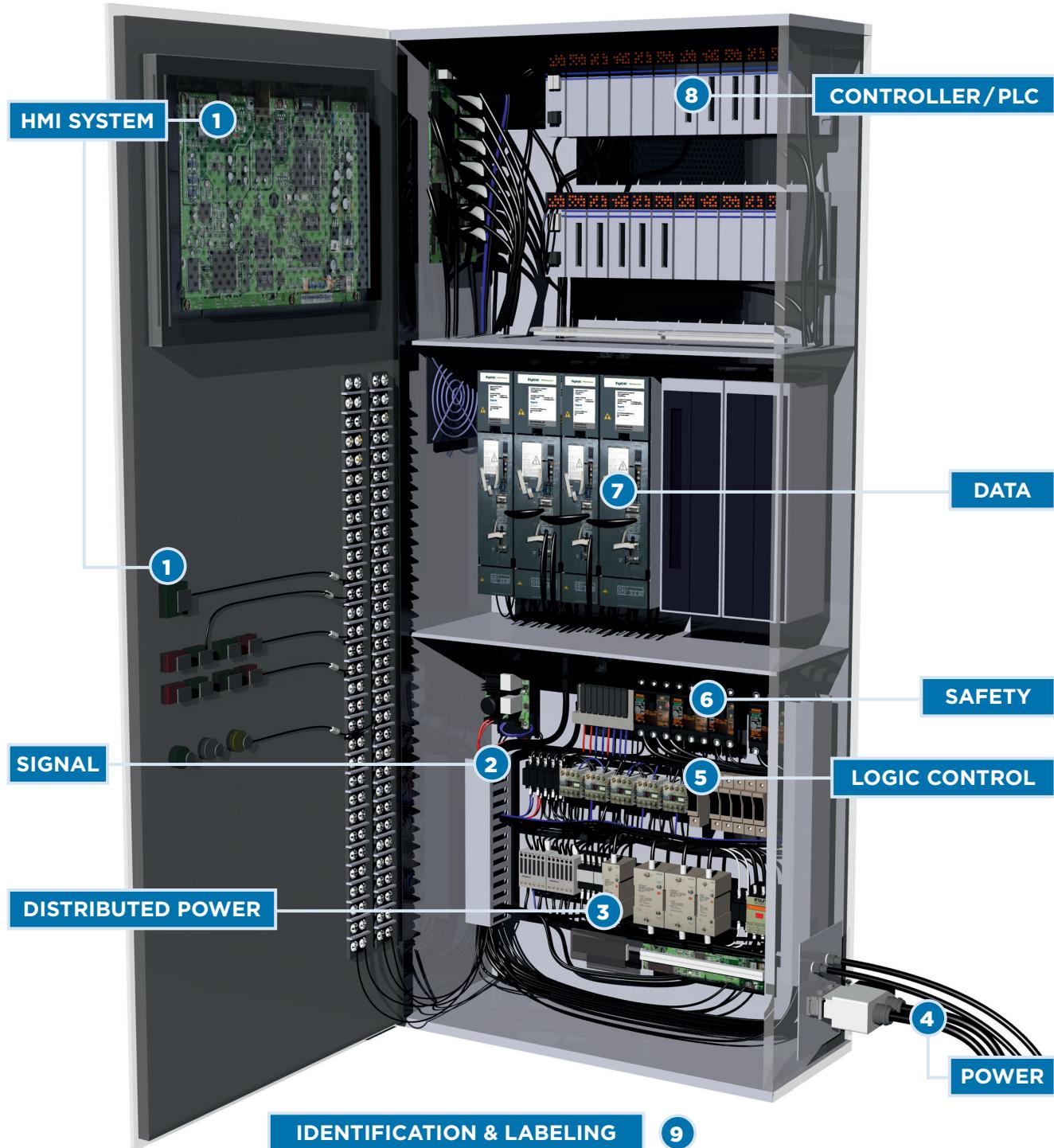




Save on machine maintenance costs and downtime

TE offers solutions for all of your industrial control needs both inside and outside the cabinet.



DESIGN NAVIGATOR

	Max Current Rating (A)	Protection from EMI/ RFI Noise	High Speed Signal/Data Communications	Environmental Sealing	High Vibration Performance	Thermal Performance	Protection Against Mechanical Shock	Wire Management	Space Savings Design	Standards
1 HMI SYSTEM										
Dynamic Series Wire-Applied Connectors	65				●	●				UL, RU, CSA, TUV
Flexible Printed Circuit (FPC) Wire-to-Board Connectors	0.5				●	●	●			N/A
Free Height (FH) Board-to-Board Connectors	0.5									COM Express (0.5mm FH)
Heavy Duty Connectors (HDC)	350	●		●	●	●	●			UL, CSA, SEV, VDE, DIN
Industrial Mini I/O Connector System	0.5				●	●	●			N/A
Industrial Mini I/O Field Installable Connectors	0.5				●					Cat 5e
Industrial RJ45 Metal Shell Connectors	0.5				●	●	●	●		UL, CSA, ODVA Ethernet/IP
Industrial USB Connectors	1.5		●	●	●	●	●			UL, CSA, Industry*, Mil
Knobs	N/A									N/A
Precision Resistors					Refer to the table below for product detail					N/A
Switches	25		●	●						RU, CSA, VDE, UL
Switching Coax Connectors	0.5			●	●		●			ETSI
Terminals & Splices	30				●	●	●	●		UL, CSA, Industry*
2 SIGNAL										
AMPLIMITE D-Subminiature Connectors	7.5	●			●	●	●	●		CSA, UL
AMPMODU MTE Wire-applied Connectors	3				●		●	●		
AMPMODU System 50 Board-to-Board & Wire-to-Board Conn.	1				●		●	●		
Dynamic Series Wire-Applied Connectors	65				●	●	●	●		UL, RU, CSA, Industry*
M8/M12 Connector System	5	●	●	●	●	●	●	●		UL, CSA
Mini-Universal MATE-N-LOK Wire-Applied Connectors	9.5			●	●	●	●	●		RU, CSA, UL
Remote I/O Terminal System (RITS) Connectors	3			●	●	●				UL
3 DISTRIBUTED POWER										
CROWN LINE Power Bus Bar System	300				●				●	RU
DIN Rail Adapters	0.75	●	●		●	●	●	●		ISO 11801/TIA 568
DIN Rail Modular Jacks	20	●			●		●	●	●	UL, CSA
Pluggable Bus Bar Connectors & Sockets	500				●					RU
RAPID LOCK Bus Bar Connectors	300				●				●	RU
Solid State Relays & I/O Modules	125	●	●		●		●			RU, CSA
Terminal Blocks & Barrier Strips	30					●				RU, CSA
Universal MATE-N-LOK Wire-Applied Connectors	19			●	●	●	●	●		RU, CSA, UL, VDE
4 POWER										
AMP Power Series Wire-Applied Connectors	275				●	●	●			UL, CSA
Cable Assemblies ²	N/A	●		●	●	●	●	●		UL, CSA, VDE
Circular Plastic Connectors (CPC)	60			●	●	●	●	●		UL, CSA, VDE
Corcom Power Line Filters	200				●					RU, UL, CSA, VDE, Industry*
Heavy Duty Connectors (HDC)	350	●		●	●	●	●			UL, CSA, SEV, VDE, DIN
High Current ELCON Drawer Connectors	200				●					UL, RU
MULTI-BEAM XLE Power Connectors	50									N/A
Pluggable Bus Bar Connectors	500									RU
5 LOGIC CONTROL										
Contactors	120									UL, RU, CSA, Industry*
Relays	50			●		●			●	RU, CSA, UL, VDE, Industry*
Timers	10									RU, CE, UL, CSA
Transformers	N/A									RU
6 SAFETY										
Circuit Breakers	50			●					●	RU, CSA, VDE, CCC
Circuit Protection Devices	100		●		●	●	●		●	UL, CSA, TUV
Force Guided Relays	8			●					●	RU, VDE, TUV, CQC, Industry*
7 DATA										
Cable Assemblies ²	N/A	●	●	●	●	●	●	●	●	UL, CSA, VDE
Industrial Mini I/O Field Installable Connectors	0.5				●					Cat 5e
Industrial RJ45 Metal Shell Connectors	0.5	●	●	●	●	●	●	●	●	UL, CSA
M8/M12 Connector System	5	●	●	●	●	●	●	●	●	UL, CSA
PC Card Connectors (PCMCIA Compliant)	5	●			●		●	●	●	PCMCIA
RJ45 Modular Jacks & Plugs	1.5	●	●		●		●	●	●	RU, UL, CSA, Industry*
8 CONTROLLER/PLC										
Circular Plastic Connectors (CPC)	60			●	●	●	●	●	●	UL, CSA, VDE
CROWN CLIP Power Bus Bar Sockets	350				●					UL (USR & CNR), CSA
Dynamic Series Wire-Applied Connectors	30				●	●	●			UL, RU, CSA, TUV
Eurostyle Terminal Blocks	125					●			●	RU, CSA, VDE
9 IDENTIFICATION & LABELING										
Cable Identification/Wire Markers	N/A				●	●	●	●		UL, CSA, Mil, Industry*
Heat Shrink Tubing	N/A	●		●	●	●	●	●	●	UL, CSA, Mil, Industry*, IEC
Pressure Sensitive Adhesive Labels	N/A	●	●	●	●	●	●	●	●	UL, CSA, Mil, Industry*

PRECISION RESISTORS

Series	Size	Power Rating (W)	TCR (ppm)	Value Range	Limiting element Voltage (V)	Max Overload Voltage (V)
RN73 Series	0402 - 2512	0.063 - 0.5	10	4R7 - 1M0	25 - 150	50 - 300
CPF Series	0201 - 2512	0.03125 - 0.5	25	4R7 - 3M0	15 - 150	30 - 300
RP73 Series	0402 - 2512	0.063 - 1.0	15	4R7 - 1M0	25 - 200	50 - 400
RP73P Series	0603 - 0805	0.1666 - 0.25	25, 50	10R - 500K	100 - 150	150 - 300

UL - UL Listed

RU - Recognized Under

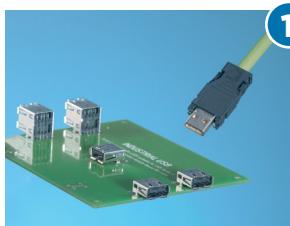
CSA - Canadian Standards Association

* Industry/Mil - Meets product specific industry standards or Mil specs (see product page on te.com for more detail)

¹ May vary based on application and product selection

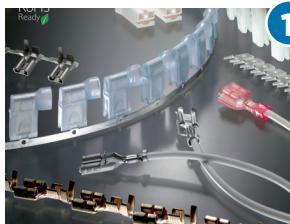
² Solves the same problems as the applied interconnect

FEATURED PRODUCTS



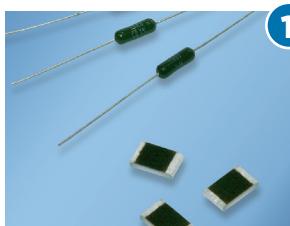
Industrial USB Connectors

- Minimize downtime during equipment transfer with secondary locking feature
- Support data transfer rates of standard USB 2.0 or the 10 times faster USB 3.0
- Ideal for harsh environments with either IP20 ruggedized or IP67 sealed designs



Terminals & Splices

- Reliable in thermally diverse applications due to high quality crimp / brazed seam
- Improve productivity and reliability through quick connection design
- Gain design flexibility and ease of maintenance with broad portfolio



Precision Resistors

- Gain long term application stability with ultra-low temperature sensing
- Minimize electronic noise with thin film precision resistors
- Reduce inventory cost with flexibility in lead-time/packaging



Dynamic Series Wire-Applied Connectors

- Suitable for low signal to high power applications with a broad range of versatile contacts
- Save time and money with a centralized modular wiring system
- Prevent mismatching with keyed housings



Heavy Duty Connectors (HDC)

- Lower applied cost with quick and easy assembly options
- Gain machine configuration flexibility by combining power, signal and data circuits
- Withstand severe environmental conditions with IP68 configuration options



Industrial Mini I/O Field Installable Connectors

- Obtain a Cat5e connection using a small and rugged industrial connector
- Save wire termination time with an innovative field installable piercing contact
- Ensure reliable connections in industrial and vibration-prone environments



M8/M12 Connector System

- Reach up to 10 Gb/s connections with a high speed rugged industrial connection
- Save time and money with a complete standard portfolio of connectors, cable assemblies and passive I/O modules
- Design for applications exposed to harsh environments and extreme temperatures

FEATURED PRODUCTS



Universal MATE-N-LOK Wire-Applied Connectors

- Achieve design flexibility and polarization with interchangeable contacts
- Improve reliability in high moisture environments with splash proof options
- Maintain ultimate safety with egg-crated, finger-proof design



Eurostyle and Barrier style Terminal Blocks

- Easy assembly and expansion with modular design and interlocking features
- Support repeated connect/disconnect cycles with robust clamping technology
- Gain design flexibility with broad product offering



Corcom Power Line Filters

- Meet emission standards with EMI /RFI protection
- Gain design flexibility with multiple termination options on high current power filters
- Solve challenges with custom design, testing and qualification capabilities



MULTI-BEAM XLE Power Connectors

- Enable ease of operation with hot-pluggable contacts (high power rated at 75 Amps/low power rated at 40 Amps)
- Lower transients with sequenced contacts for mate-first-break-last operation
- Achieve long system life with high durability (up to 500 cycles)



Circular Plastic Connectors (CPC)

- Mixed power and signal available in a single interconnect
- Ideal for harsh environments where mechanical shock, moisture and debris are prevalent
- Efficient field repair achieved by removable contacts and replaceable coupling ring



Relays

- Withstand extreme environments with high performance designs
- Design for delayed action with internal timer option
- Support system needs with various options from a single source



Industrial Ethernet Products

- Industrial Ethernet solutions ranging from 100Mb through 10Gb speeds
- Ideal for harsh environments with a secure, sealed interconnection
- Complies with major Industrial Ethernet protocols



Identification & Labeling

- Suitable for harsh environments using thermal transfer, laser printer or hand written technologies
- Supports standard and customized requirements with fully compatible product family



avnet.com

2211 S. 47th Street
Phoenix, AZ 85034
1-800-332-8638 Avnet