



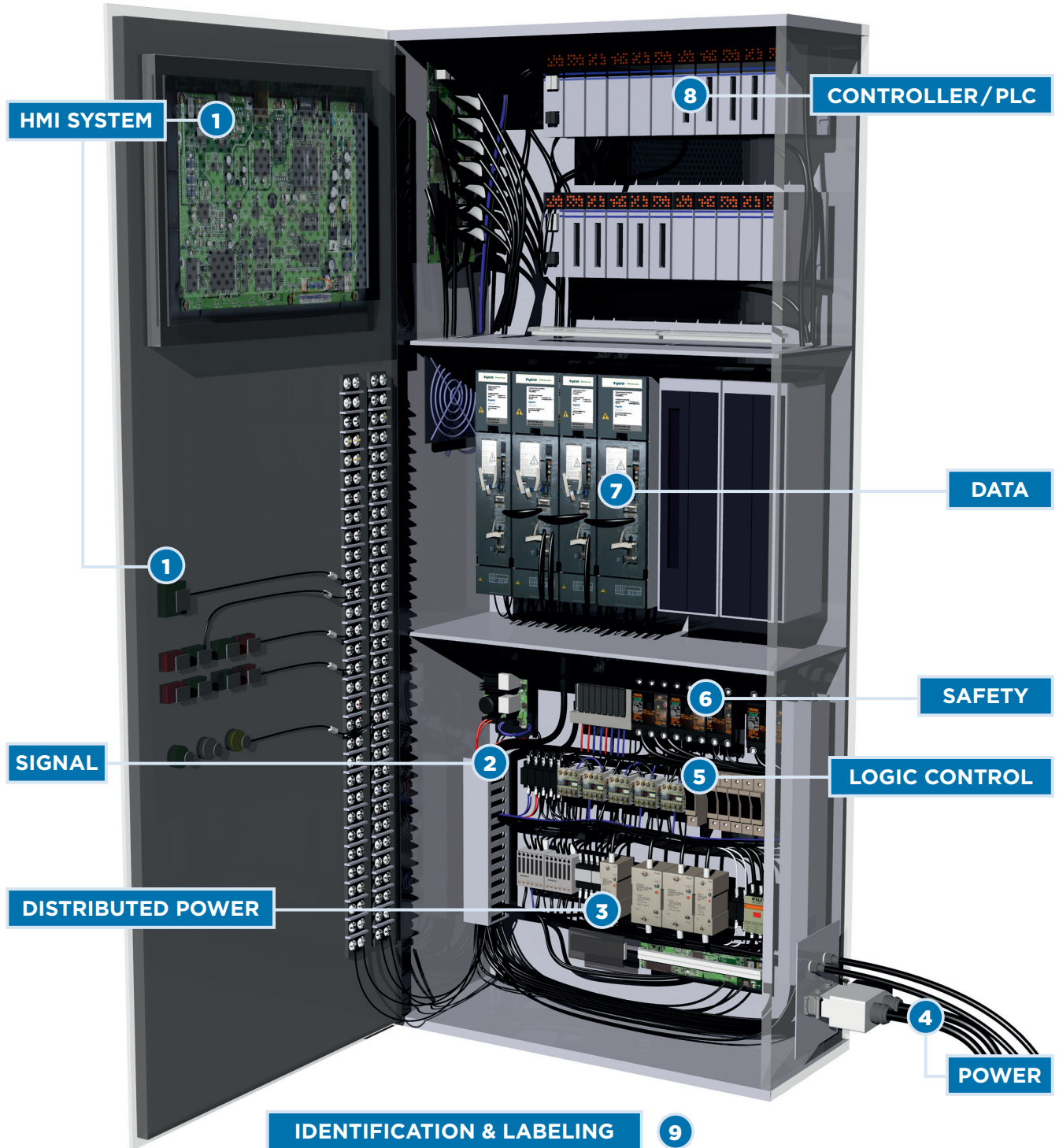
## Innovative Solutions for Industrial Control

TE Connectivity (TE) is your industrial control solution provider for electromechanical and electronic components. Whether you are designing a new system or retrofitting an existing system, this solutions guide will help you select the required components with easy access to additional online information through [te.com](http://te.com). TE's reliable, quick to install and industry-proven components will help you save on machine maintenance costs and downtime.



Authorized Distributor

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



# Design Navigator

Get more information on [te.com](http://te.com) by clicking on the product names below.




		Max Current Rating (A) <sup>2</sup>	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
<b>1 HMI SYSTEM</b>											
Touch Screens	N/A			●					●		UL, CSA, TUV
Dynamic Series Connectors	65				●	●	●				UL, RU, CSA, TUV
Flexible Printed Circuit Connectors (FPC)	0.5				●	●	●		●		N/A
Industrial USB Connectors	1.5		●	●	●	●	●				UL, CSA, Industry*, Mil
Terminals & Splices	30				●	●	●	●			UL, CSA, Industry*
Heavy Duty Connectors	350	●		●	●	●	●				UL, CSA, SEV, VDE, DIN
Switches	25		●	●							RU, CSA, VDE, UL
Knobs	N/A										N/A
<b>2 SIGNAL</b>											
M8/M12 Industrial Cordsets & Connectors	5	●	●	●	●	●	●		●		UL, CSA
AMPMODU System 50 Connectors	1				●	●	●		●		UL, CSA
AMPMODU MTE Interconnection System	3				●	●	●	●	●		UL, CSA
Dynamic Series Connectors	65				●	●	●				UL, RU, CSA, Industry*
RITS (Remote I/O Terminal System) Connectors	3			●	●	●	●		●		UL
D-Subminiature Connectors	7.5	●			●	●	●	●	●		CSA, UL
Mini-Universal MATE-N-LOK Connectors	9.5			●	●	●	●	●	●		RU, CSA, UL
<b>3 DISTRIBUTED POWER</b>											
Terminal Blocks and Barrier Strips	30					●					RU, CSA
Pluggable Bus Bar Connectors & Sockets	500				●						RU
Solid State Relays & I/O Modules	125	●	●		●			●			RU, CSA
DIN Rail Adapters	0.75	●	●						●		ISO 11801/TIA 568
DIN Rail Modular Jacks	20	●			●			●	●		UL, CSA
Universal MATE-N-LOK Connectors	19			●	●	●	●	●	●		RU, CSA, UL, VDE
RAPID LOCK Bus Bar Connectors	300				●				●	●	RU
CROWN LINE Power Bus Bar Connector	300				●				●	●	RU
<b>4 POWER</b>											
Corcom Filters	600	●							●		RU, UL, CSA, VDE, Industry*
Heavy Duty Connectors	350	●		●	●	●	●				UL, CSA, SEV, VDE, DIN
Circular Plastic Connectors (CPC)	60			●	●	●	●	●			UL, CSA, VDE
Cable Assemblies <sup>1</sup>	N/A	●		●	●	●	●	●	●		UL, CSA, VDE
AMP Power Connector Series	275				●	●	●				UL, CSA
<b>5 LOGIC CONTROL</b>											
Transformers	N/A										RU
Relays	50			●		●			●		RU, CSA, UL, VDE, Industry*
Timers	10										RU, CE, UL, CSA
Contactors	120										UL, RU, CSA, Industry*
<b>6 SAFETY</b>											
Force Guided Relays	8			●					●		RU, VDE, TUV, CQC, Industry*
Circuit Protection Devices	100		●		●	●	●		●		UL, CSA, TUV
Circuit Breakers	50			●					●		RU, CSA, VDE, CCC
<b>7 DATA</b>											
Modular Jacks	1.5	●	●		●		●		●		RU, UL, CSA, Industry*
PC Card Connectors (PCMCIA)	5	●			●		●		●		PCMCIA
Cable Assemblies <sup>1</sup>	N/A	●	●	●	●	●	●	●	●		UL, CSA, VDE
Industrial Ethernet Products	0.5	●	●	●	●	●	●	●	●		UL, CSA
<b>8 CONTROLLER / PLC</b>											
Dynamic Series Connectors	30				●	●	●				UL, RU, CSA, TUV
Circular (CPC) Connectors	60			●	●	●	●	●			UL, CSA, VDE
CROWN CLIP Connectors	350										UL (USR & CNR), CSA
Eurostyle Terminal Blocks	125					●			●		RU, CSA, VDE
<b>9 IDENTIFICATION &amp; LABELING</b>											
Heat Shrink Tubing	N/A	●		●	●	●	●	●	●		UL, CSA, Mil, Industry*, IEC
Pressure Sensitive Adhesive Labels	N/A	●	●	●	●	●	●	●	●		UL, CSA, Mil, Industry*
Cable Identification/Wire Markers	N/A				●	●	●	●	●		UL, CSA, Mil, Industry*

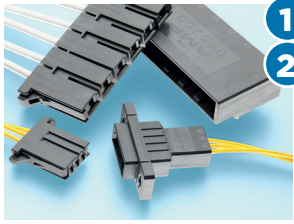
<sup>1</sup> Cable assemblies solve the same problems as the interconnect contained  
<sup>2</sup> May vary based on application and product selection

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)



Featured Products



Go to [te.com](http://te.com) for further information 

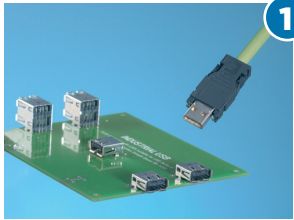


1  
2

**Dynamic Series Connectors**

- Versatile contact system supports maximum design flexibility
- Suitable for a broad range of applications requiring low level signal through high current power circuits
- Save time and money with a centralized wiring system that offers a modular capability to expand as needed



-  Search term: "Dynamic Series"
-  Catalog no. 1242132

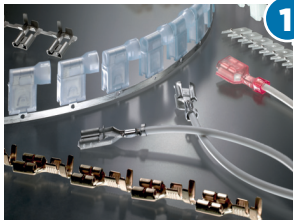


1

**Industrial USB Connectors**

- Secure secondary locking feature minimizes downtime during equipment transfer
- Fast data throughput assured with compliance to USB 2.0 standards
- Appropriate for harsh industrial applications with ruggedized IP20 and sealed IP67 options



-  Search term: "Industrial USB"
-  Catalog no. 1654253-2

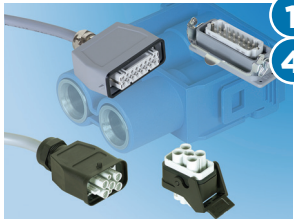


1

**Terminals & Splices**

- Reliable in thermally diverse applications due to high quality crimp/brazed seam
- UL approved and MIL specified products
- Broad portfolio provides design flexibility and maintenance ease



-  Search term: "Terminals & Splices"
-  Catalog no. 82042



1  
4

**Heavy Duty Connectors**

- Lower applied cost with easy assembly
- Gain flexibility in machine configuration with power, signal and data circuit options
- May be configured to operate and withstand severe environmental conditions with IP68 performance


-  Search term: "Heavy Duty Connectors"
-  Catalog no. 889745-2

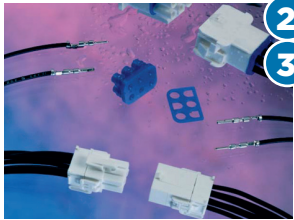


2

**M8/M12 Industrial Cordsets & Connectors**

- Equipment interoperability through use of standard industrial interfaces
- Solutions for Industrial Ethernet with options from 100Mbit through 10Gbit
- Increase efficiency by improving field termination time with the use of factory made overmolded cable assemblies



-  Search term: "M8/M12"




2  
3

**Universal MATE-N-LOK Connectors**

- Interchangeable contacts allow for design flexibility and polarization
- Splash proof option supports high moisture environment
- Hot side is egg-crated for ultimate safety

-  Search term: "Universal MATE-N-LOK"
-  Catalog no. 82181

## Featured Products




Go to [te.com](https://te.com)  
for further  
information 



4

### Corcom Filters

- EMI /RFI protection to meet emission standards
- Single and three phase / high current power filters with multiple termination options offer design flexibility
- Customized solutions with design, testing and qualification support available

 [corcom.com](https://corcom.com)  
 Catalog no. 1654001  
 Quick Reference  
 Guide no. 1-1654250-1





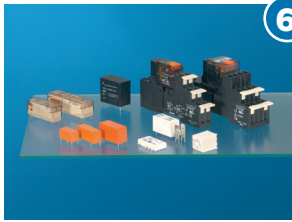
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8

### Circular Plastic Connectors (CPC)

- Lightweight, rugged all-plastic shell ideal for harsh industrial environments
- Quick connect/disconnect capability allows for easy, error proof mating
- Removable contacts and replaceable coupling ring allow for easy field repair

 Search term:  
 "CPC overview" incl.  
 eLearning module  
 Catalog no. 82021



6

### Relays

- High performance products designed for extreme environments
- Internal timer option allows for delayed action
- Single source provider due to breadth of relay options




 Search term: "Relays"



7

### Industrial Ethernet Products

- Fast data throughput with 100Mbit through 10Gbit options
- Designed for use in harsh environments with a secure, sealed interconnection ideal for severe shock and vibration
- Multi-system communication capability complies with major Industrial Ethernet protocols

 Search term:  
 "Industrial Ethernet"  
 Search term: "Push-  
 Pull connectors" incl.  
 eLearning module  
 Catalog no. 1654253-2





3

8

### Eurostyle and Barrier style Terminal Blocks

- Modular design and interlocking features allow easy assembly and system expansion
- Robust clamping technology supports repeated connect/disconnect cycles
- Broad offering provides design flexibility


 Search term:  
 "Eurostyle"  
 Search term:  
 "Barrier style"



9

### Identification & Labeling

- Suitable for harsh environments using thermal transfer, laser printer or hand written technologies
- TE's fully compatible product family suits standard and customized requirements

 Search term:  
 "Identification"



*Authorized Distributor*

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