



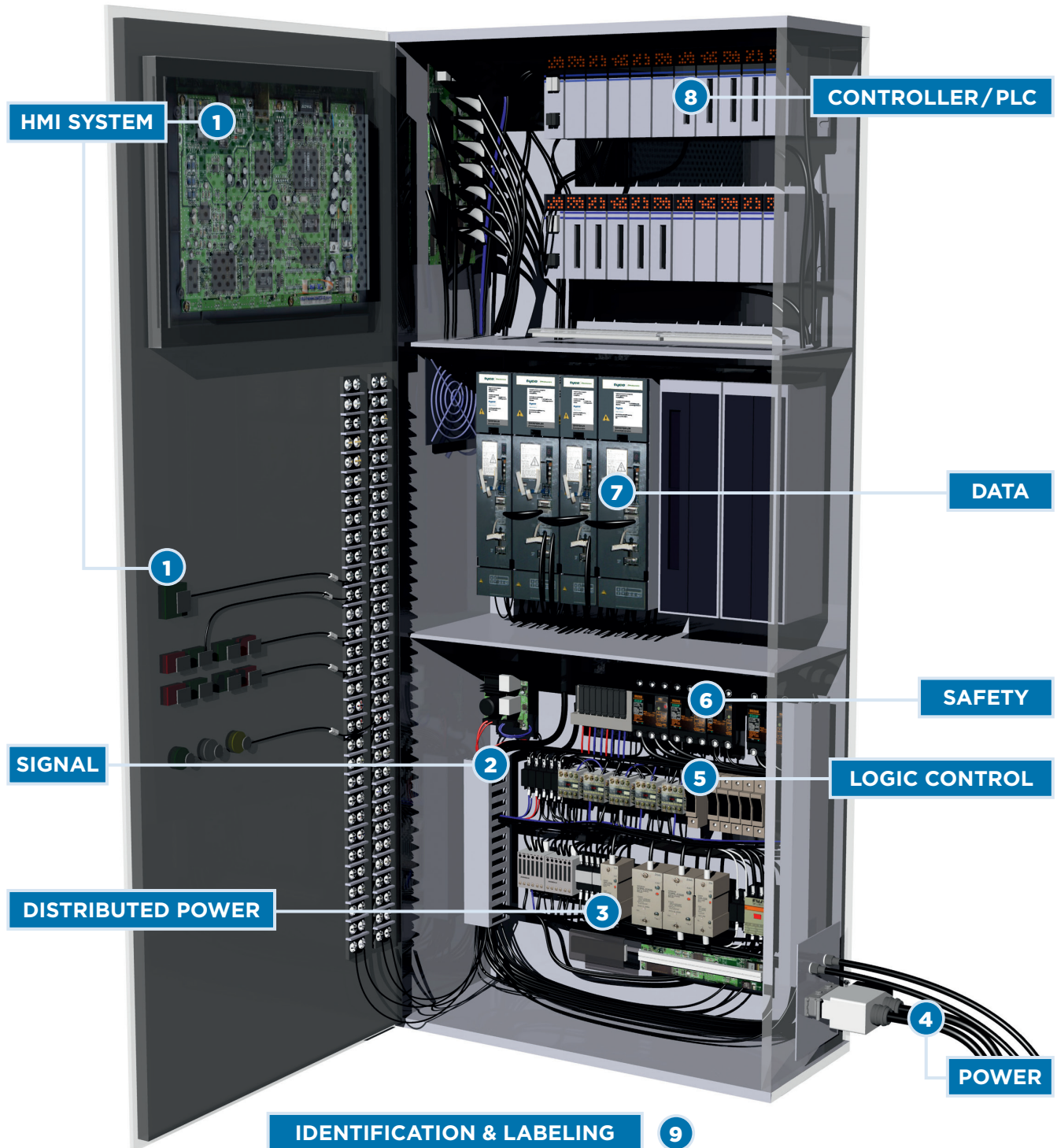
Innovative Solutions for Industrial Control

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. TE's reliable, quick to install and industry-proven components will help you save on machine maintenance costs and downtime.

HEILIND
Performance. Trust. Innovation.


Authorized Distributor

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



Insert TE Authorized
Distributor logo here

Design Navigator

Get more information on te.com by clicking on the product names below.



		Max Current Rating (A) ²	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											
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
2 SIGNAL											
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
3 DISTRIBUTED POWER											
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
4 POWER											
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 ¹	N/A	•		•	•	•	•	•	•		UL, CSA, VDE
AMP Power Connector Series	275				•	•	•				UL, CSA
5 LOGIC CONTROL											
Transformers	N/A										RU
Relays	50			•		•			•		RU, CSA, UL, VDE, Industry*
Timers	10										RU, CE, UL, CSA
Contactors	120										UL, RU, CSA, Industry*
6 SAFETY											
Force Guided Relays	8			•					•		RU, VDE, TUV, CQC, Industry*
Circuit Protection Devices	100		•		•	•	•		•		UL, CSA, TUV
Circuit Breakers	50			•					•		RU, CSA, VDE, CCC
7 DATA											
Modular Jacks	1.5	•	•		•		•		•		RU, UL, CSA, Industry*
PC Card Connectors (PCMCIA)	5	•			•		•		•		PCMCIA
Cable Assemblies ¹	N/A	•	•	•	•	•	•	•	•		UL, CSA, VDE
Industrial Ethernet Products	0.5	•	•	•	•	•	•	•	•		UL, CSA
8 CONTROLLER / PLC											
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
9 IDENTIFICATION & LABELING											
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*

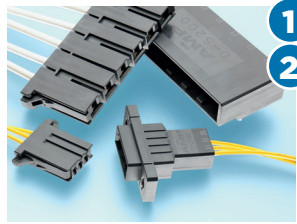
¹ Cable assemblies solve the same problems as the interconnect contained

² 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

Click on the links below and visit te.com for further information

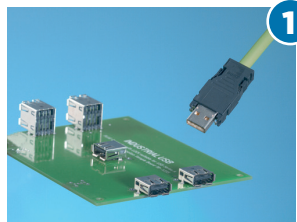


Dynamic Series Connectors

- 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

[Website](#)

[Catalog](#)



Industrial USB Connectors

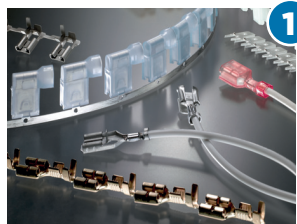
- Secure secondary locking feature minimizes downtime during equipment transfer
- Fast data throughput assured with compliance to USB 2.0 standards
- Appropriate for harsh industrial applications with ruggedized IP20 and sealed IP67 options

[Website](#)

[Catalog](#)

[Quick Reference Guide](#)

[Product Presentation](#)

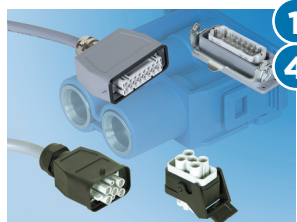


Terminals & Splices

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

[Website](#)

[Catalog](#)



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

[Website](#)

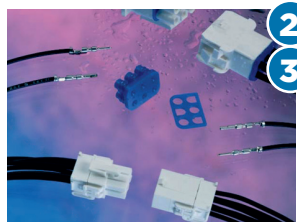
[Catalog](#)



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

[Website](#)



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

[Website](#)

[Catalog](#)

[Product Presentation](#)

Featured Products

Click on the links below and visit 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

[Website](#)
[Catalog](#)
[Quick Reference Guide](#)



4

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

[Website](#)
[Catalog I](#)
[Catalog II](#)
[eLearning Module](#)
[Product Presentation](#)



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

[Website](#)



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

[Website](#)
[Catalog](#)
[eLearning Module](#)
[Product Presentation](#)



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

[Website](#)
[Product Presentation](#)
[Brochure](#)
[Catalog](#)
[Quick Reference Guide](#)



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

[Website](#)

**Insert TE Authorized
Distributor logo here**



Authorized Distributor

Distributorwebsite.com
1-XXX-XXX-XXXX

te.com

© 2011 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All Rights Reserved.
TE Connectivity and the TE connectivity (logo) are trademarks.
Other logos, product and/or company names might be trademarks of their respective owners.

CIS WR 12/2011

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.