

Design Navigator

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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
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											Standards
1 HMI SYSTEM											
Touch Screens	NA										UL, CSA, TUV
Dynamic Series Connectors	65										UL, RU, CSA, TUV
Flexible Printed Circuit Connectors (FPC)	0.5										NA
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	NA										NA
2 SIGNAL											
M8/M12 Industrial Cordsets & Connectors	5										UL, CSA
AMP/ODU System 50 Connectors	1										UL, CSA
AMP/ODU 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	NA										UL, CSA, VDE
AMP Power Connector Series	275										UL, CSA
5 LOGIC CONTROL											
Transformers	NA										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	NA										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	NA										UL, CSA, Mil, Industry*, IEC
Pressure Sensitive Adhesive Labels	NA										UL, CSA, Mil, Industry*
Cable Identification / Wire Markers	NA										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)



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.



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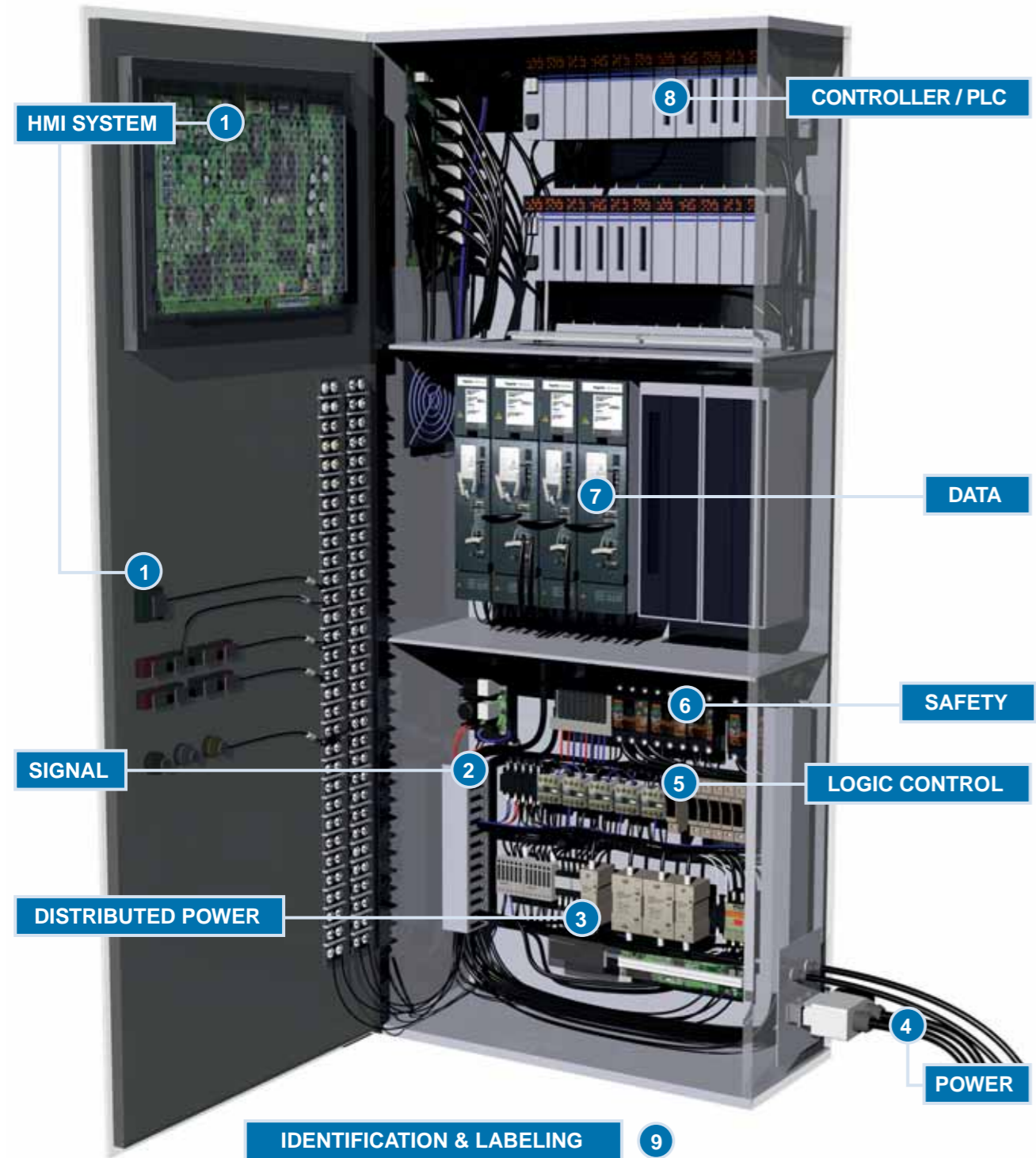
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TE offers solutions for all of your industrial control needs both inside and outside the cabinet.




Featured Products

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	<p>Dynamic Series Connectors</p> <ul style="list-style-type: none"> 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 	<p>Search term: "Dynamic Series" Catalog no. 1242132</p>
	<p>Industrial USB Connectors</p> <ul style="list-style-type: none"> 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 	<p>Search term: "Industrial USB" Catalog no. 1654253-2</p>
	<p>Terminals & Splices</p> <ul style="list-style-type: none"> 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 	<p>Search term: "Terminals & Splices" Catalog no. 82042</p>
	<p>Heavy Duty Connectors</p> <ul style="list-style-type: none"> 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 	<p>Search term: "Heavy Duty Connectors" Catalog no. 889745-2</p>
	<p>M8/M12 Industrial Cordsets & Connectors</p> <ul style="list-style-type: none"> 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 	<p>Search term: "M8/M12"</p>
	<p>Universal MATE-N-LOK Connectors</p> <ul style="list-style-type: none"> Interchangeable contacts allow for design flexibility and polarization Splash proof option supports high moisture environment Hot side is egg-crated for ultimate safety 	<p>Search term: "Universal MATE-N-LOK" Catalog no. 82181</p>

Featured Products

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	<p>Corcom Filters</p> <ul style="list-style-type: none"> 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 	<p>Search term: corcom.com Catalog no. 1654001 Quick Reference Guide no. 1-1654250-1</p>
	<p>Circular Plastic Connectors (CPC)</p> <ul style="list-style-type: none"> 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 	<p>Search term: "CPC overview" incl. eLearning module Catalog no. 82021</p>
	<p>Relays</p> <ul style="list-style-type: none"> High performance products designed for extreme environments Internal timer option allows for delayed action Single source provider due to breadth of relay options 	<p>Search term: "Relays"</p>
	<p>Industrial Ethernet Products</p> <ul style="list-style-type: none"> 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 	<p>Search term: "Industrial Ethernet" Search term: "Push-Pull connectors" incl. eLearning module Catalog no. 1654253-2</p>
	<p>Eurostyle and Barrier style Terminal Blocks</p> <ul style="list-style-type: none"> Modular design and interlocking features allow easy assembly and system expansion Robust clamping technology supports repeated connect / disconnect cycles Broad offering provides design flexibility 	<p>Search term: "Eurostyle" Search term: "Barrier style"</p>
	<p>Identification & Labeling</p> <ul style="list-style-type: none"> Suitable for harsh environments using thermal transfer, laser printer or hand written technologies TE's fully compatible product family suits standard and customized requirements 	<p>Search term: "Identification"</p>