

# **Innovative Solutions for Elevators and Escalators**

TE Connectivity (TE) is your solutions provider offering high-performance elevator and escalator components to keep people moving. We offer a vast of array of electromechanical and electronic products to help solve many design challenges. Our development capabilities range from simple modifications to unique custom designed solutions. With our customer focused product development, engineering support and easy access to additional online information, TE can help you take your elevator and escalator project to the next level.



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					n	12	13	14						/			
AMP-LATCH Ribbon	Cable Connectors		•	•						1	250 A	C -65	to +105	28			UL
Antennas <sup>2</sup>		•	<u> </u>		1	•		Ť	-								
Cable Identification for harnesses, wire and cable			•	•		•	•	•	•			7.0	to +150				UL
(CSL, SP, KMT, SBP, PVF)		-		_	+	_	-	_									
Circuit Protection			•	•		•		•		15	240 A		0 to +85		•	•	UL, CSA, TUV
CLOUDSPLITTER Connector System		•	•		•	•		•	1.5 signal 5.0 power	150 A0 20 D0		0 to +85	26-24		•	UL, cUL	
Controlling Signal Relays			•	•		•				5	250 AC/22	0 DC -55	to +125			•	UL, CSA, VDE, IEC
Custom Cable Assemblies			•	•	•	•	•	•	•	varies*	varies	* v	aries*		•		UL, CSA, VDE
DIP Switches			•	•	•	•			•	0.1	50 DC	-30	) to +85			•	
Dynamic Series Connectors			•	•	•	•			•	65	630 A	C -55	to +105	30-6	•	•	UL, RU, CSA, TUV
ELECTRO-TAP Connectors			•						•		300 AC/	/DC +1	05 Max	20-14			UL
Eurostyle Terminal Blocks			•	•	•	•				10	300 AC/	DC -30	to +105	30-12	•		UL, cUL
Industrial Ethernet			•	•		•	•		•	0.5	24 AC	-40	) to +70	26-22	•	•	UL, CSA
Industrial USB			•			•				2	30 AC	-40	) to +85	24-18	•		UL, CSA, USB 2.0
Flexible Printed Circuit (FPC)/ Flexible Flex Circuit			•			•			•	1.0	250 A	C -40	0 to +85		•		
Free Height Board-to-Board Connectors			•	•		•				0.5	100 A	C -40	Cto +85				
Hermaphroditic Connectors			•	<u> </u>						6	125 AC/		to +105	22-18			UL
Heavy Duty Connectors (HDC)									Ť	350	3000 A		) to +125	26-300	•		UL, IEC
· · ·			-	Ť	_									MCM	_	_	
LUMAWISE LED Holders			•	•			-	-	•	5	300 D		to +105	22-18			UL, IEC, Zhaga
MAG-MATE Terminals			•	•	•		-				240 A		to + 125	34-12			UL
Micro/Standard Poke-In Connectors			•				-		•	5	250 AC/		to +130	26-18	•	•	UL
Mini Universal MATE-N-LOK Connectors			•	•	•	•	-		•	9.5	600 A		to +105	30-16			UL, CSA, VDE
Modular Jacks			•	•		•	•		•	1.5	150AC	-40	0 to +85	26-22			UL
Mass Termination Assembly (MTA) & SL Connectors			•	•	•	•				12.5	600 A	C -55	to +105	26-18			UL, CSA
MULTILOCK Connectors			•	•		•				10	12 DC	-30	to +105	20-16	•		
NECTOR Power Systems			•	•				•	•	20	400 A	C -20	) to +85	18, 4.0-1.5	•	•	UL, IEC
Releasable Poke-In Wire Connectors			•						•	6	400 AC/	DC -30	to +105	22-18	•	•	UL, IEC
Resistors <sup>3</sup>			•	•	•	•			Ť		,			below fo	r prod	duct o	
Power Relays & Contactors			•	•	•					120	600 A		to + 65		1.50		UL, CSA, VDE, SEMKO, IEC
Safety (Force Guided) Relays			•	•						16	250 A		0 to +85				UL, VDE, TUV, CQC, Industry**
Single Phase EMI/RFI Power Filters			•	•	•		•			60	250 A		to +40	26-8			UL, CSA, VDE
Tactile Switches										0.05	24 DC		to +105	1 200			,,
	Three Phase EMI/RFI Power Filters				•		Ť		Ť	200	480 AC/27		to +40	12-0		Ť	UL, CSA, VDE
	Universal MATE-N-LOK Connectors			•	•				•	19	600 A		to +125	30-16	•		UL, CSA, VDE
			•			_	7					30					. , ,
Family	Technology	Resistors <sup>3</sup> Key Features				Circuitry Pred		Capacitor Precharge / Discharge	Braking	Balancing	Snubber	Current Sense	CQC CSA cUL		- China Quality Certification - Canadian Standard Association - Tested to Canadian Standards by Underwriters' Laboratories		
C / ER				14W, C=Vitreous / ER=Silicone						•		•			IEC		- International Electrotechnical
CBT/CCR	Carbon / Ceramic	1/4 to 2W						•							In		Commission y - Meets product specific
CJT			1000W Mineral Filled								•				maustry		industry standards
		300W Aluminium Housed				•		•	•				_	U	(details on product page at te.com) - Recognized Under		
			nized Load Bank								•				RU SEMKO TUV		- Svenska Elektriska
			High Ohmic					•				•	•				Materielkontrollanstalten - Technischer Überwachungs-Verein
RL73	Thick Film SMD Curr			urrent Sense										•	U	L	- Underwriters' Laboratories
RN73 / RP73 / CPF	Thin Film	SMD Pred	cision Chip					•					•		\ \	DE	- Verband Deutscher Elektroingenieure
DD / DOV Motal Film /Ovida 1 to 7W Hi				A/ Lileb Device						_	1 1	_	1	1			

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Zhaga



Metal Film/Oxide

Wirewound

Foil

Wirewound/Oxide

Wirewound/Oxide

Foil

Wirewound

1 to 7W High Power

4 to 40W Ceramic Cased

2 to 40W Ceramic Cased

0.5 to 3W Current Sense

10 to 2500W Tubular

0.25W to 2.5W Current Sense

1 to 5W Moulded Power Chip

SBC

SM

SQ

TE

RR / ROX

SL / SBL

TLR / HL



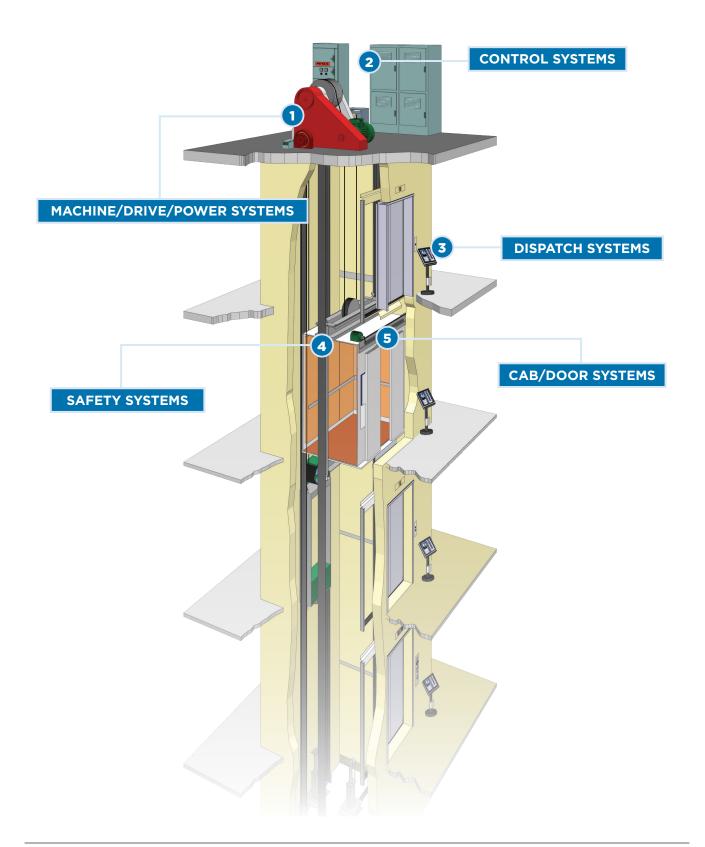
Elektroingenieure

- Standard for Interchangeable LED
Light Sources

May vary based on application and product selection

May vary based on application and product selection
 TE is a leading developer and manufacturer of high performance embedded and external antennas.
 Visit www.antenna.te.com to learn more.
 Current rating, voltage rating, and operating temperature range may vary based on application and product selection
 Available with custom specifications

# TE offers solutions for all your elevator needs.





### **Featured Products**



- Search term: "Resistors"
- 🎴 Catalog I no. 1773442-9
- 🖊 Catalog II no. 130950



- Accomodate a wide variety of applications with a large product offering
- Improve the life of other system components with electrical discharge control
- Allow for fine tuning of motor performance to support unique installation requirements



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

### Dynamic Series Connectors

- Support low signal to high power applications with a broad range of versatile contacts
- Save time and money with centralized modular wiring system
- Prevent mismating with keyed and color coded housings

- Search term: "Free Height"
- Catalog no. 889092

## Free Height Board-to-Board Connectors

- Support high reliability with polarized mating
- Provide design flexibility with a variety of stack heights
- Save valuable PCB space with compact connector design



- Search term: "LUMAWISE"
- Brochure no. 8-1773700-9

## 5 LUMAWISE LED Holders

- Simplify installation with snap-in LED retention feature
- Avoid soldering with poke-in wire connection
- Streamline assembly and installation with tool-less termination of solid fused and stranded wire



"Hermaphroditic"

Catalog no. 6-1773454-3

# **Hermaphroditic Connectors**

- Save space with low profile, flat surface
- Provide manufacturing flexibility with SMT or reflow processing compatibility
- Simplify design by allowing the same footprint on both ends of the strip



Search term: "MTA" Selection Guide no. 82056

### Mass Termination Assemblies (MTA) & **SL Connectors**

- Reduce assembly costs with mass termination of wire
- Allow for daisy chain applications with wire feed-through capability
- Increase design flexibility with rightangle and vertical mount products and through-hole and SMC configurations

DC power in one RJ45 standard package

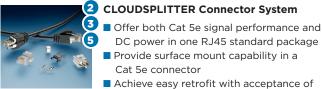
Cat 5e connector

standard RJ45 plugs



# **NECTOR Power Systems**

- Reduce assembly time with power "plug and play"
- Minimize space requirement with multi-position connectors in a circular form factor
- Meet outdoor sealing requirements with IP67 rated versions



- Search term:
- "CLOUDSPLITTER"
- Data Sheet no. 1-1773707-2



- Plyer no. 1-1773707-3

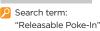


😕 Brochure II no. 5-1773465-6



# **Releasable Poke-In Wire Connector**

- Minimize shadowing with rounded
- Save space with low profile design
- Allow for repeatable, flexible wire insertion



"Releasable Poke-In" Brochure no. 1-1773730-4



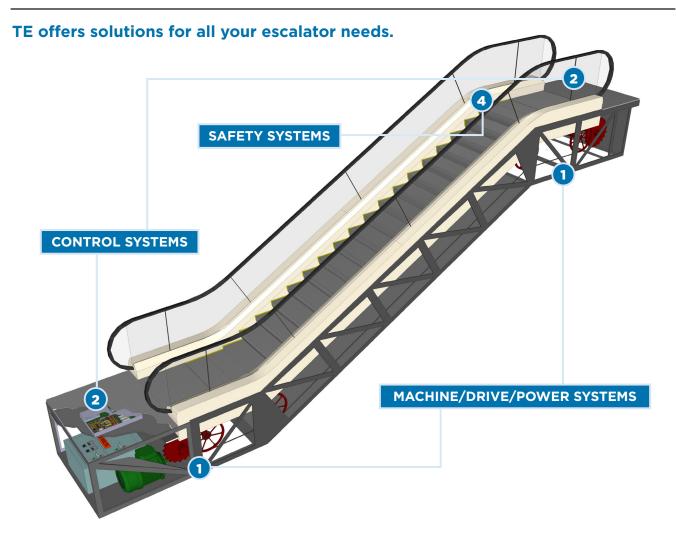
Search term: "Relays"

- 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

Go to te.com for further information 🦪







### **Featured Products**



"Force Guided Relays"

🔼 Catalog no.

1308033-2

# Safety (Force Guided) Relays

- Prevent dangerous situations in critical applications with mechanically linked contacts
- Simplify circuit monitoring with one relay for both power and signal switching
- Meet safety requirements with IEC and EN compliant design



- Search term:
- "Eurostyle" Quick Reference Guide no. 1-1773458-1



# **Universal MATE-N-LOK Connectors**

**Eurostyle Terminal Blocks** ■ Easy assembly and expansion with

offering

Achieve design flexibility and polarization with interchangeable contacts

modular design and interlocking features

cycles with robust clamping technology

■ Gain design flexibility with broad product

Support repeated connect/disconnect

- Improve reliability in high moisture environments with splash proof options
- Maintain ultimate safety with egg crated finger-proof design



- Search term: "EMI/RFI Filters"
- Catalog no. 1654001

### Three Phase EMI/RFI Power Filters

- Enable a broad range of applications with a large product offering
- Prevent interferance with electronic systems by reducing radiated electrical noise
- Comply with mandated EMI/RFI standards in an easy to install package





Catalog no. 82181







# te.com

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