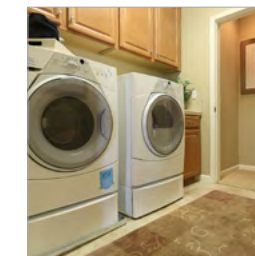




TE Connectivity's Power Products that Drive Design Solutions

THE POWER THAT DRIVES DESIGN SOLUTIONS

TE Connectivity (TE) brings you power products that drive design solutions. As power requirements vary depending on the application, TE helps solve your power challenges by taking the guess work out of the equation by providing a variety of products with key design characteristics. With our wide variety of products and superior design capabilities, you will find the right match for your unique application.



Less than 30 AMPS

										
ELECTRICAL	Max Current Rating (A)	4	4	5	5	5	6	7	7.5	9
	Max Voltage	250V	250V	250V	1000V	250V	250V	250V	50V	250V
	Position Sizes	2,3,5,6,8 (2.5) 4,6,8,10,12 (3.3)	12-32	2,3,4,5	9-64	2-28, 2-24, 1-24	2,3,4	1-15	1	2-36
	Circular / Rectangle / In-line / Other	R	R	R	C	R	R	R	C, R	R
	Capable of Carrying Signal	*	*	*	*	*	*	*		
APPLICATION	Wire-to-Wire		*		*	*		*	*	*
	Wire-to-Board	*	*		*	*	*			*
	Board-to-Board									
	Panel Mount		*	*	*			*		*
	Blindmating				*				*	*
	Wire Range (AWG)	28-22	28-24	N/A	28-22	28-22	22	30-18	24-14	26-18
	Wire Range (mm ²)	0.32-0.64	0.32-0.51	N/A	0.32-0.64	0.32-0.64	0.64	0.26-1.02	0.51-1.63	0.41-1.02
	Temp Range	-25°C to 105°C	-30°C to 105°C	N/A	-55°C to 170°C	-55°C to 105°C	-40°C to 85°C	-55°C to 105°C	-55°C to 125°C	-55°C to 105°C
PROTECTION	Durable in Harsh Environments	TPA Available			*				*	*
	Protection for EMI / RFI Noise				*				*	
	IP Sealing				IP67				IP68	
Standards / Approval		UL, GWT	UL, CSA	N/A	N/A	UL, CSA	N/A	UL, CSA	N/A	UL, CSA

Less than 30 AMPS

										
ELECTRICAL	Max Current Rating (A)	9	9.5	10	10	10.7	11	14	14	14
	Max Voltage	600V	600V	30V	300V	25V	600V	600V	600V	300V
	Position Sizes	2-24	1-24, 2-24 (II)	3	2-5	3	1-12, 2-12, 2-5, 2-12 (II), 2-40 (2.5)	1-62	6-160	1-12, 3-12, 2
	Circular / Rectangle / In-line / Other	R	R	R	R	R	R	R	R	R
	Capable of Carrying Signal		*		*		*			*
APPLICATION	Wire-to-Wire	*	*			*	*	*	*	*
	Wire-to-Board	*	*		*	*	*	*	*	*
	Board-to-Board			*				*	*	
	Panel Mount	*		*				*		*
	Blindmating			*				*		
	Wire Range (AWG)	26-18	30-16		24-16		22-16	30-14	28-14	26-16
	Wire Range (mm ²)	0.41-1.02	0.26-1.29		0.51-1.29		0.64-1.29	0.26-1.63	0.32-1.63	0.41-1.29
	Temp Range	-40°C to 105°C	-55°C to 105°C	-40°C to 85°C	-30°C to 105°C	-40°C to 85°C	-25°C to 105°C	-55°C to 130°C	-55°C to 150°C	-30°C to 105°C
PROTECTION	Durable in Harsh Environments	TPA Available			TPA Available		TPA Available			TPA
	Protection for EMI / RFI Noise					*		*		
	IP Sealing		IP56, 57							
Standards / Approval		UL, CSA, VDE	UL, CSA, VDE	N/A	UL, CSA	UL, GWT	UL, CSA	UL, CSA	UL, CSA, VDE	UL, CSA, VDE

Less than 30 AMPS									
		IEC POWER INLET FILTER	MINIATURE POWER DRAWER	PC POWER	STANDARD TIMER (AMP RAST 5 APPLIANCE) CONNECTORS	UNIVERSAL POWER MODULE (UPM)	MINIPAK HDL	MINIPAK HDE	MINIPAK HD
ELECTRICAL	Max Current Rating (A)	15	15 - PWR PINS 2 - SGNL PINS	15	16	16	16	18	18
	Max Voltage	250V	250V	250V	250V	250V	250V	250V	250V
	Position Sizes	N/A	14-16	3-10	N/A	3-12	N/A	2x3 - 2x12	N/A
	Circular / Rectangle / In-line / Other	O	R	R	R	R	R	R	R
	Capable of Carrying Signal		*	*			*		*
APPLICATION	Wire-to-Wire		*	*	*				
	Wire-to-Board		*	*	*				
	Board-to-Board			*		*	*	*	*
	Panel Mount	*	*		*				
	Blindmating		*	*			*		*
	Wire Range (AWG)		24-16	20-28	22-12				
	Wire Range (mm ²)		0.51-1.29	1.29	0.64-2.05				
	Temp Range	40°C AT CURRENT	-30°C to 105°C	-40°C to 85°C	-40°C to 110°C	N/A	-40°C to 125°C	-40°C to 105°C	-40°C to 125°C
PROTECTION	Durable in Harsh Environments								
	Protection for EMI / RFI Noise	*							
	IP Sealing								
Standards / Approval		UL, CSA, VDE	N/A	N/A	UL, VDE	UL	UL, CSA	UL	N/A

Less than 30 AMPS							Less than 30 AMPS	
COMMERCIAL MATE-N-LOK	UNIVERSAL MATE-N-LOK CONNECTORS AND ACCESSORIES	CONVENIENCE OUTLETS	POWER ENTRY MODULES	ATCA Z1 POWER BACKPLANE CONNECTOR	POWER TRIPLE LOCK CONNECTOR SYSTEM	MULTI-GIG RT POWER		
19	19	20	20	20	20	22	Max Current Rating (A)	
250V	600V	125V	250V	60V	600V	250V	Max Voltage	
1-16	1-15, 2-15 (II)	N/A	N/A	1-34	2-15	2 or 4	Position Size	
R	R	R	O	R	R	R	Circular / Rectangle / In-line / Other	
*	*			*	*		Capable of Carrying Signal	
*	*				*		Wire-to-Wire	
*	*				COMING SOON		Wire-to-Board	
				*		*	Board-to-Board	
	*	*	*		*		Panel Mount	
				*			Blindmating	
30-14	30-10	20-8			20-12		Wire Range (AWG)	
0.26-1.63	0.26-2.6	0.81-3.26			0.81-2.05		Wire Range (mm ²)	
-55°C to 105°C	-55°C to 105°C	N/A	40°C AT CURRENT	MAX 105°C	-55°C to 150°C	-55°C to 105°C	Temp Range	
					TPA		Durable in Harsh Environments	
			*				Protection for EMI / RFI Noise	
	IP56, 57						IP Sealing	
UL, CSA	UL, CSA, VDE, GW	UL, CSA	UL, CSA, VDE	UL	UL, CSA, VDE, GW	UL	Standards / Approval	

30-99 AMPS										
		AMPINERGY CONNECTOR AND CONTACTS	CROWN EDGE MODULAR CARD EDGE POWER CONNECTORS	HIGH CURRENT COMMERCIAL CONNECTOR	HIGH CURRENT PINS AND SOCKETS	ICCON SINGLE POLE POWER CONNECTOR	ET POWER CONNECTOR SYSTEM	HIGH CURRENT EDGE CONNECTOR	CIRCULAR PLASTIC CONNECTOR	CIRCULAR, 38999 SERIES III
ELECTRICAL	Max Current Rating (A)	35	35	35	35	35	37.5	30	45	46
	Max Voltage	600V	250V	600V	600V	250V	600V	600V	600V	2300V
	Position Sizes	1-8	2,6,16,24,32	4	2-12	1-2	2-6	2-12	4-63	187
	Circular / Rectangle / In-line / Other	I	R	R	O	R	R	I	C	C
	Capable of Carrying Signal		*				*		*	*
APPLICATION	Wire-to-Wire	*		*	*				*	*
	Wire-to-Board			*	*		*	*	*	*
	Board-to-Board		*			*		*		
	Panel Mount				*		*	*	*	*
	Blindmating					*				*
	Wire Range (AWG)	18-10		12-8	14-10		14-10	16-10	30-10	23-8
	Wire Range (mm ²)	1.02-2.60		2.05-3.26	1.63-2.60		1.63-2.60	2.05-2.60	0.26-2.60	0.64-3.26
	Temp Range	-55°C to 105°C	-65°C to 105°C	-55°C to 105°C	-55°C to 105°C	105°C MAX	-40°C to 150°C	-55°C to 105°C	-40°C to 105°C	-65°C to 200°C
PROTECTION	Durable in Harsh Environments								*	*
	Protection for EMI / RFI Noise									*
	IP Sealing								IP65-67	IP68
Standards / Approval		UL, CSA	UL	UL, CSA	UL, CSA	UL	UL	UL, CSA	UL, CSA	MIL38999

30-99 AMPS								30-99 AMPS	
46	46	46	46	48	50	53	65	Max Current Rating (A)	
2300V	2300V	1500V	1800V	600V	300V	600V	630V	Max Voltage	
N/A	N/A	2-20	2-20	N/A	N/A	1	2-40	Position Sizes	
C	C	R	R	I	R	I	R	Circular / Rectangle / In-line / Other	
*	*	*	*	*	*		*	Capable of Carrying Signal	
*	*	*	*		*	*	*	Wire-to-Wire	
*	*	*	*	*	*	*	*	Wire-to-Board	
					*			Board-to-Board	
*	*	*	*		*		*	Panel Mount	
*	*	*	*	*	*		*	Blindmating	
22-8	22-8	22-12	22-8	26-10	26-22 14-8	10-6	30-6	Wire Range (AWG)	
0.64-3.26	0.64-3.26	0.64-2.05	0.64-3.26	0.41-2.60	0.41-0.64 1.63-3.26	2.60-4.12	0.26-4.12	Wire Range (mm ²)	
-65°C to 200°C	-55°C to 200°C	-65°C to 175°C	-55°C to 175°C	-40°C to 250°C	-20°C to 105°C	-55°C to 185°C	-55°C to 105°C	Temp Range	
*	*	*	*				*	Durable in Harsh Environments	
*	*		*					Protection for EMI / RFI Noise	
IP68	IP68	IP68	IP68				IP65, 67	IP Sealing	
N/A	N/A	N/A	EM4165	UL,CSA, IEC60335-1	UL, CSA	UL, CSA	UL, CSA	Standards / Approval	

		>100 AMPS					
		 TERMINAL BLOCKS	 AMPOWER WAVE CRIMP SYSTEM	 HIGH CURRENT ELCON DRAWER CONNECTOR	 RAPID LOCK BUS BAR CONNECTOR	 AMPOWER SERIES CONNECTOR	 CIRCULAR ENGINE
ELECTRICAL	Max Current Rating (A)	125	135	200	250	275	300
	Max Voltage	600V	600V	600V	750V	600V	2300V
	Position Sizes	2-25	1-2	2-52	1	single pole or 2 pole	N/A
	Circular / Rectangle / In-line / Other	R	R	R	I	R	C
	Capable of Carrying Signal	*	*	*			*
APPLICATION	Wire-to-Wire		*	*		*	*
	Wire-to-Board	*	*	*		*	*
	Board-to-Board		*	*	*		
	Panel Mount		*	*		*	*
	Blindmating		*	*			*
	Wire Range (AWG)	30-8	FLAT	24-0	8-2	20-6	N/A
	Wire Range (mm ²)	0.26-3.26	FLAT	0.51-8.25	3.26-6.54	0.81-4.12	70
	Temp Range	-55°C to 105°C	-55°C to 105°C	-40°C to 105°C	-55°C to 125°C	-20°C to 105°C	-55°C to 200°C
PROTECTION	Durable in Harsh Environments						*
	Protection for EMI / RFI Noise						*
	IP Sealing						IP68
Standards / Approval		UL, CSA	UL, CSA	UL	UL	UL, CSA	EN3645, MIL83723

>100 AMPS						
 HIGH CURRENT MULTIPLE POINT INTERFACE CONTACTS	 COPALUM/ALUMINUM COPALUM	 HTS CONNECTORS AND ACCESSORIES	 PLUGGABLE BUS BAR CONNECTOR & SOCKETS	 AMPOWER TERMINALS		
480	500	500	500	755	Max Current Rating (A)	
24V	N/A	750V	600V	35000V	Max Voltage	
N/A	1	1-108	1-2	N/A	Position Sizes	
I	N/A	R	R	O	Circular / Rectangle / In-line / Other	
		*			Capable of Carrying Signal	
*	*	*			Wire-to-Wire	
*		*			Wire-to-Board	
			*		Board-to-Board	
		*			Panel Mount	
		*	*		Blindmating	
14	8-4/ 0AWG	28-0	N	6-1000 MCM	Wire Range (AWG)	
1.63	8.6-110	0.32-8.25	N	13-507	Wire Range (mm ²)	
-196°C to 200°C		-40°C to 125°C	-55°C to 105°C	-55°C to 105°C	Temp Range	
	*	*		*	Durable in Harsh Environments	
					Protection for EMI / RFI Noise	
		IP65-67			IP Sealing	
UL, CSA	N/A	UL, CSA	UL	UL, CSA	Standards / Approval	

LET'S CONNECT

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Technical Support

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1-1773859-5 CIS CM 06/2015

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