

POWER TRIPLE LOCK



QUICK REFERENCE GUIDE



SECURES CONNECTION IN 3 WAYS

Cap & Plug latch together CPA - Connector Position Assurance TPA - Terminal Position Assurance



4 KEYING & COLOR OPTIONS Ensure correct assembly

Ensure correct assembly
Single audible "click" latch
with anti-snag ribs

150°C

3 HOUSING MATERIALS

Standard 105°C High temperature up to 150°C Glow wire

The new POWER TRIPLE LOCK connector system has been developed for improved power and signal applications. The POWER TRIPLE LOCK connector system has many added customer benefits for performance assurance.

For complete 3 in 1 reliability, the benefits include:

- Audible 'lock' latch provides positive feedback when Cap & Plug are mated, while the ribs surrounding the latch prevent wires from becoming snagged underneath the latch.
- Optional Connector Position Assurance (CPA) ensures that, once engaged, the POWER TRIPLE LOCK connector system cannot be mistakenly disengaged
- Optional Terminal Position Assurance (TPA) ensures that contacts are fully seated within the housing and provides an added measure against contact backout

The POWER TRIPLE LOCK connector system is available in three levels of housing materials with keying/color code to prevent mis-mating on the assembly line:

- Standard 105°C Natural, Purple, Blue, Yellow 🔾 🌑 🔵
- High temperature up to 150°C Light Grey
- Glow wire Dark Grey, Brown, Green, Orange • •



With a centerline space of 6.0mm, the reduced size of the POWER TRIPLE LOCK connector system offers high performance with a functional design.

The POWER TRIPLE LOCK connector system has an extensive family line, ranging from free hanging and panel mount receptacles to future products such as board mount headers to meet your everyday design needs.

THE POWER TRIPLE LOCK CONNECTOR SYSTEM CAN BE USED IN MANY APPLICATIONS:

Household Appliances

- Refrigerators
- Dishwashers
- Washers and Dryers
- Cookware
- Water Heaters
- Vacuums

Rail

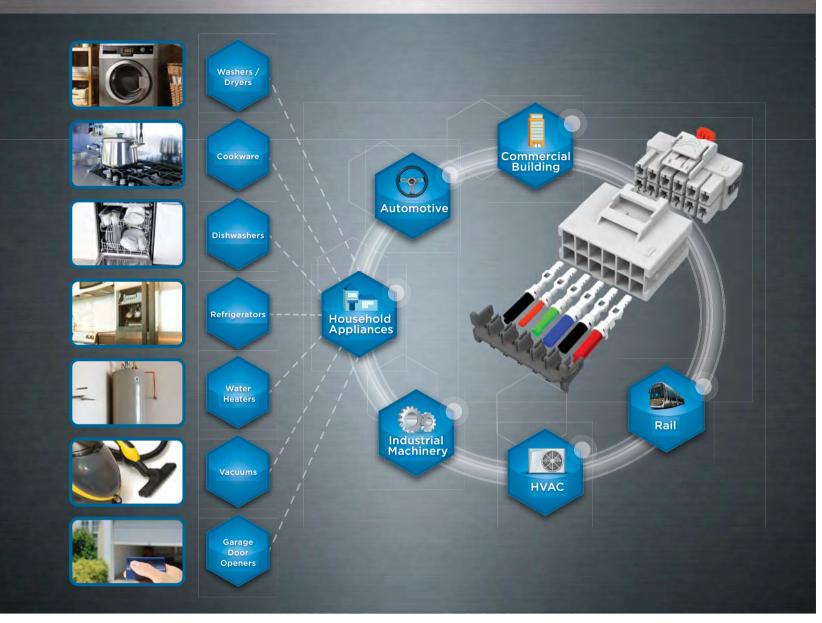
- Garage Door Openers

Automotive Commercial Building HVAC Industrial Machinery

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www.te.com/products/PTL

APPLICATION



ELECTRICAL

- Voltage rating: 600 VAC or VDC
- Current rating: Up to 20 A

MECHANICAL

- Position sizes:
 - Single row: 2, 3, 4, 5
 - Dual row: 2x3, 2x4, 2x5, and 2x6
- Matrix: 3x3, 3x4, 3x5
- Centerline spacing: 6.0 mm
- Row-to-row spacing: 8.1 mm
- Operating temperature:
- -55 to 105°C standard material
- -55 to 150°C high temp material

SPECIFICATIONS

- Product specification: 108-106118
- Application specification: 114-106118

CONTACT WIRE SIZES

- 12 AWG (3.3mm²)
- 14 AWG (2.1mm²)
- 16-20 AWG (1.27-0.56mm²)
- 22 AWG (0.34mm²)
- 2x18 AWG (0.82mm²)
- 2x20 AWG (0.56mm²)

MATERIALS

- Housings: UL 94V-0
- PBT standard (105°C)
- High temperature (150°C)
- Glow wire (750°C no flame) per IEC 60335-1
- Contacts: Tin-plated copper alloy

STANDARDS

c Sus UL recognized: E28476



oduct Image	Part Number	Type	Style	Size	Number of Positions	Temp Rating	Colo
	1-1971771-2	Cap	Free Hanging	1 x 2	2	105	Natura
501	1-1971771-3	Сар	Free Hanging	1 x 3	3	105	Natur
220/	1-1971771-4	Сар	Free Hanging	1 x 4	4	105	Natur
47	1-1971771-7	Сар	Free Hanging	1 x 5	5	105	Natur
	1-1971774-3	Сар	Free Hanging	2 x 3	6	105	Natur
21/	1-1971774-4	Сар	Free Hanging	2 x 4	8	105	Natur
	1-1971774-5	Сар	Free Hanging	2 x 5	10	105	Natur
	1-1971774-6	Сар	Free Hanging	2 x 6	12	105	Natur
-	1-1971874-3	Сар	Free Hanging	3 x 3	9	105	Natur
100	1-1971874-4	Сар	Free Hanging	3 x 4	12	105	Natur
Part .	1-1971874-7	Сар	Free Hanging	3 x 5	15	105	Natur
	1-1971773-2	Plug	Plug Housing	1 x 2	2	105	Natur
She	1-1971773-3	Plug	Plug Housing	1 x 3	3	105	Natur
200	1-1971773-4	Plug	Plug Housing	1 x 4	4	105	Natur
16/	1-1971773-7	Plug	Plug Housing	1 x 5	5	105	Natur
	1-1971776-3	Plug	Plug Housing	2 x 3	6	105	Natur
100 Miles	1-1971776-4	Plug	Plug Housing	2 x 4	8	105	Natur
新洲	1-1971776-5	Plug	Plug Housing	2 x 5	10	105	Natur
11	1-1971776-6	Plug	Plug Housing	2 x 6	12	105	Natur
t n	1-1971876-3	Plug	Plug Housing	3 x 3	9	105	Natur
35.04	1-1971876-4	Plug	Plug Housing	3 x 4	12	105	Natur
300	1-1971876-7	Plug	Plug Housing	3 x 5	15	105	Natur
	1-1971772-2	Сар	Panel Mount	1 x 2	2	105	Natur
-	1-1971772-3	Сар	Panel Mount	1 x 3	3	105	Natur
	1-1971772-4	Сар	Panel Mount	1 x 4	4	105	Natur
	1-1971772-7	Cap	Panel Mount	1 x 5	5	105	Natur
	1-1971775-3	Сар	Panel Mount	2 x 3	6	105	Natur
±11	1-1971775-4	Сар	Panel Mount	2 x 4	8	105	Natur
	1-1971775-5	Сар	Panel Mount	2 x 5	10	105	Natur
	1-1971775-6	Сар	Panel Mount	2 x 6	12	105	Natur
	1-1971875-3	Сар	Panel Mount	3 x 3	9	105	Natur
	1-1971875-4	Сар	Panel Mount	3 x 4	12	105	Natur
***	1-1971875-7	Cap	Panel Mount	3 x 5	15	105	Natur
	1971777-2	TPA	Locking Plate	1 x 2	2	150	Black
The -	1971777-3	TPA	Locking Plate	1 x 3	3	150	Black
	1971777-4	TPA	Locking Plate	1 x 4	4	150	Black
	1971777-5	TPA	Locking Plate	1 x 5	5	150	Black
	1971778-3	TPA	Locking Plate	2 x 3	6	150	Black
	1971778-4	TPA	Locking Plate	2 x 4	8	150	Black
-	1971778-5	TPA	Locking Plate	2 x 5	10	150	Black
	1971778-6	TPA	Locking Plate	2 x 6	12	150	Black
	1971789-1	NA	СРА	NA	NA	150	Red
	1971779-1	Receptacle	std Receptacle	12AWG	NA	105	nc
	1971781-1	Receptacle	std Receptacle	14AWG	NA	105	nc
	1971783-1	Receptacle	std Receptacle	16-20AWG	NA	105	nc
	1971785-1	Receptacle	std Receptacle	22AWG	NA	105	nc
50 10 10	1971787-1	Receptacle	std Receptacle	2x18AWG	NA	105	nc
	1971237-1	Receptacle	std Receptacle	2x20AWG	NA	105	nc
	1971780-1	Tab	std Tab	12AWG	NA	105	nc
	1971782-1	Tab	std Tab	14AWG	NA	105	nc
	1971784-1	Tab	std Tab	16-20AWG	NA	105	nc
	1971786-1	Tab	std Tab	22AWG	NA	105	nc
	1971788-1	Tab	std Tab	2x18AWG	NA	105	nc
	1971238-1	Tab	std Tab	2x20AWG	NA	105	nc

Application Tooling Information: For application tooling part numbers, see application specification 114-106118

Note: Housing and Plug part numbers listed above are for keying option A



oduct Image	Part Number	Type	Style	Size	Number of Positions	Temp Rating	Color
	9-1971771-2	Cap	Free Hanging	1 X 2	2	150	Light Gra
2	5-1971771-3	Cap	Free Hanging	1 X 3	3	150	Light Gra
200	5-1971771-4	Cap	Free Hanging	1 X 4	4	150	Light Gra
-	5-1971771-7	Cap	Free Hanging	1 X 5	5	150	Light Gra
	5-1971774-3	Cap	Free Hanging	2 X 3	6	150	Light Gra
5	5-1971774-4	Cap	Free Hanging	2 X 4	8	150	Light Gra
	5-1971774-5	Cap	Free Hanging	2 X 5	10	150	Light Gra
	5-1971774-6	Cap	Free Hanging	2 X 6	12	150	Light Gra
4	5-1971874-3	Cap	Free Hanging	3 X 3	9	150	Light Gra
80	5-1971874-4	Cap	Free Hanging	3 X 4	12	150	Light Gra
4	5-1971874-7	Cap	Free Hanging	3 X 5	15	150	Light Gra
	9-1971773-2	Plug	Plug housing	1 X 2	2	150	Light Gra
Inster	5-1971773-3	Plug	Plug housing	1 X 3	3	150	Light Gra
106	5-1971773-4	Plug	Plug housing	1 X 4	4	150	Light Gra
-0.0	5-1971773-7	Plug	Plug housing	1 X 5	5	150	Light Gra
	5-1971776-3	Plug	Plug Housing	2 X 3	6	150	Light Gra
Solla	5-1971776-4	Plug	Plug Housing	2 X 4	8	150	Light Gra
THE REAL PROPERTY.	5-1971776-5	Plug	Plug Housing	2 X 5	10	150	Light Gra
	5-1971776-6	Plug	Plug Housing	2 X 6	12	150	Light Gra
200	5-1971876-3	Plug	Plug Housing	3 X 3	9	150	Light Gra
S	5-1971876-4	Plug	Plug Housing	3 X 4	12	150	Light Gra
1000	5-1971876-7	Plug	Plug Housing	3 X 5	15	150	Light Gra
	5-1971772-2	Сар	Panel Mount	1 X 2	2	150	Light Gra
-	5-1971772-3	Cap	Panel Mount	1 X 3	3	150	Light Gra
20	5-1971772-4	Сар	Panel Mount	1 X 4	4	150	Light Gra
-35	5-1971772-7	Cap	Panel Mount	1 X 5	5	150	Light Gra
	5-1971775-3	Сар	Panel Mount	2 X 3	6	150	Light Gra
21	5-1971775-4	Cap	Panel Mount	2 X 4	8	150	Light Gra
20	5-1971775-5	Сар	Panel Mount	2 X 5	10	150	Light Gra
-	5-1971775-6	Cap	Panel Mount	2 X 6	12	150	Light Gra
2	5-1971875-3	Cap	Panel Mount	3 X 3	9	150	Light Gra
	5-1971875-4	Сар	Panel Mount	3 X 4	12	150	Light Gra
1	5-1971875-7	Сар	Panel Mount	3 X 5	15	150	Light Gra
E34	1971777-2	TPA	Locking Plate	1 X 2	2	150	Black
Ban -	1971777-3	TPA	Locking Plate	1 X 3	3	150	Black
	1971777-4	TPA	Locking Plate	1 X 4	4	150	Black
	1971777-5	TPA	Locking Plate	1 X 5	5	150	Black
	1971778-3	TPA	Locking Plate	2 X 3	6	150	Black
Man.	1971778-4	TPA	Locking Plate	2 X 4	8	150	Black
2	1971778-5	TPA	Locking Plate	2 X 5	10	150	Black
	1971778-6	TPA	Locking Plate	2 X 6	12	150	Black
	1971789-1	NA	СРА	NA	NA	150	red
	1971779-2	Receptacle	HT 150°C Receptacle	12AWG	NA	150	nc
عالجين	1971781-2	Receptacle	HT 150°C Receptacle	14AWG	NA	150	nc
	1971783-2	Receptacle	HT 150°C Receptacle	16-20AWG	NA	150	nc
	1971785-2	Receptacle	HT 150°C Receptacle	22AWG	NA	150	nc
	1971787-2	Receptacle	HT 150°C Receptacle	2x18AWG	NA	150	nc
	1971237-2	Receptacle	HT 150°C Receptacle	2x20AWG	NA	150	nc
	1971780-2	Tab	HT 150°C Tab	12AWG	NA	150	nc
	1971782-2	Tab	HT 150°C Tab	14AWG	NA	150	nc
MIL	1971784-2	Tab	HT 150°C Tab	16-20AWG	NA	150	nc
	1971786-2	Tab	HT 150°C Tab	22AWG	NA	150	nc
	1971788-2	Tab	HT 150°C Tab	2x18AWG	NA	150	nc
	1971238-2	Tab	HT 150°C Tab	2x20AWG	NA	150	nc

 ${\color{blue} \textbf{Application Tooling Information:} For application tooling part numbers, see application specification 114-106118}$

Note: Housing and Plug part numbers listed above are for keying option A



5-922388-8 Cap	roduct Image	Part Number	Type	Style	Size	Number of Positions	Temp Rating	Color
5-222359-64 Cap		5-2232358-2	Сар	Free Hanging	1 X 2	2	105	Dark Gra
\$-9223289-7 Cap	1	5-2232358-3	Сар	Free Hanging	1 X 3	3	105	Dark Gra
5-222326-3		5-2232358-4	Сар	Free Hanging	1 X 4	4	105	Dark Gra
S-222399-4 Cap		5-2232358-7	Сар	Free Hanging	1 X 5	5	105	Dark Gra
S-222329-3 Cap Free Hanging 2 x 8 10 10 10 10 10 10 10		5-2232359-3	Cap	Free Hanging	2 X 3	6	105	Dark Gra
5-223259-6-0 Cap Free Hanging 3 x 3 9 105 Dark C 5-223250-4-4 Cap Free Hanging 3 x 3 9 105 Dark C 5-223250-4-4 Cap Free Hanging 3 x 4 12 105 Dark C 5-223226-2-2 Plug Plug housing 1 x 2 2 105 Dark C 5-223226-3-3 Plug Plug housing 1 x 3 3 105 Dark C 5-223226-7 Plug Plug housing 1 x 4 4 105 Dark C 5-223226-7 Plug Plug housing 2 x 3 6 105 Dark C 5-223226-7 Plug Plug housing 2 x 4 8 105 Dark C 5-223226-7 Plug Plug housing 2 x 5 10 105 Dark C 5-223226-6 Plug Plug housing 3 x 3 9 105 Dark C 5-223226-6 Plug Plug Housing 3 x 4 12 105 Dark C <td>-</td> <td>5-2232359-4</td> <td>Cap</td> <td>Free Hanging</td> <td>2 X 4</td> <td>8</td> <td>105</td> <td>Dark Gra</td>	-	5-2232359-4	Cap	Free Hanging	2 X 4	8	105	Dark Gra
S-2232560-3		5-2232359-5	Cap	Free Hanging	2 X 5	10	105	Dark Gra
5-223260-4		5-2232359-6	Сар	Free Hanging	2 X 6	12	105	Dark Gra
5-223266-7 Cond Free Henging 3 X S 15 105 Devic C 5-223266-7 Plug Plug housing 11 X 2 2 105 Dark C 5-2232265-3 Plug Plug housing 11 X 3 3 105 Dark C 5-2232266-3 Plug Plug housing 1 X 5 5 105 Dark C 5-2232266-3 Plug Plug housing 2 X 3 6 105 Dark C 5-2232266-6 Plug Plug housing 2 X 4 8 105 Dark C 5-2232266-6 Plug Plug housing 2 X 5 10 105 Dark C 5-2232357-3 Plug Plug housing 2 X 8 10 105 Dark C 5-2232357-7 Plug Plug housing 3 X 8 9 105 Dark C 5-2232357-7 Plug Plug housing 3 X 8 15 105 Dark C 5-2232357-7 Plug Plug housing 3 X 8 15 105 Dar	-	5-2232360-3	Сар	Free Hanging	3 X 3	9	105	Dark Gra
S-2232265-2 Plug Plug housing 1 x 2 2 105 Dark C	Sit	5-2232360-4	Сар	Free Hanging	3 X 4	12	105	Dark Gra
### \$-2332265-3 Plug Plug housing 1 1 3 3 105 Dark C \$-2332265-4 Plug Plug housing 1 1 4 4 105 Dark C \$-2332265-7 Plug Plug housing 1 1 4 105 Dark C \$-2332265-7 Plug Plug housing 2 3 6 105 Dark C \$-2332266-5 Plug Plug Housing 2 3 6 105 Dark C \$-2332266-5 Plug Plug Housing 2 3 6 105 Dark C \$-2332266-5 Plug Plug Housing 2 3 5 10 105 Dark C \$-2332266-6 Plug Plug Housing 2 3 5 10 105 Dark C \$-2332266-7 Plug Plug Housing 3 3 3 9 105 Dark C \$-2332267-1 Plug Plug Housing 3 3 3 9 105 Dark C \$-2323257-7 Plug Plug Housing 3 3 3 9 105 Dark C \$-2323263-7 Plug Plug Housing 3 3 3 105 Dark C \$-2323263-7 Cap Panel Mount 1 1 2 2 105 Dark C \$-2323263-7 Cap Panel Mount 1 1 2 2 105 Dark C \$-2323263-7 Cap Panel Mount 1 1 3 3 105 Dark C \$-2323263-7 Cap Panel Mount 1 1 4 4 105 Dark C \$-2323263-8 Cap Panel Mount 1 2 3 6 105 Dark C \$-2323264-8 Cap Panel Mount 2 3 6 105 Dark C \$-2323264-6 Cap Panel Mount 2 2 3 6 105 Dark C \$-2323264-6 Cap Panel Mount 2 3 5 10 105 Dark C \$-2323264-7 Cap Panel Mount 2 3 5 10 105 Dark C \$-2323264-7 Cap Panel Mount 2 3 5 10 105 Dark C \$-2323264-7 Cap Panel Mount 3 3 3 105 Dark C \$-2323264-7 Cap Panel Mount 3 3 3 105 Dark C \$-2323264-7 Cap Panel Mount 3 3 3 105 Dark C \$-2323264-7 Cap Panel Mount 3 3 3 105 Dark C \$-2323264-7 Cap Panel Mount 3 3 3 105 Dark C \$-2323264-7 Cap Panel Mount 3 3 105 Dark C \$-2323264-7 Cap Panel Mount 3 3 105 Dark C \$-2323264-7 Cap Panel Mount 2 3 3 105 Dark C \$-2323264-7 Cap Panel Mount 3 3 105 Dark C \$-2323264-7 Cap Panel Mount 3 3 105 Dark C \$-2323264-7	-	5-2232360-7	Сар	Free Hanging	3 X 5	15	105	Dark Gra
S-2232265-4 Plug		5-2232265-2	Plug	Plug housing	1 X 2	2	105	Dark Gra
S-223266-3	20	5-2232265-3	Plug	Plug housing	1 X 3	3	105	Dark Gra
5-223266-3	100	5-2232265-4	Plug	Plug housing	1 X 4	4	105	Dark Gra
5-222266-4	-100	5-2232265-7	Plug	Plug housing	1 X 5	5	105	Dark Gra
5-2232266-14		5-2232266-3	Plug	Plug Housing	2 X 3	6	105	Dark Gra
5-223266-5	An	5-2232266-4	_	Plug Housing	2 X 4	8	105	Dark Gra
S-223256-6								Dark Gra
S-2232557-3			_					Dark Gra
S-223257-4 Plug Plug Housing 3 X 4 12 105 Dark C			_					Dark Gra
S-2232356-7	200		_					Dark Gra
5-2232263-2 Cap Panel Mount 1 X 2 2 105 Dark C 5-2232263-4 Cap Panel Mount 1 X 3 3 105 Dark C 5-2232263-7 Cap Panel Mount 1 X 5 5 105 Dark C 5-2232264-3 Cap Panel Mount 2 X 3 6 105 Dark C 5-2232264-4 Cap Panel Mount 2 X 3 6 105 Dark C 5-2232264-5 Cap Panel Mount 2 X 5 10 105 Dark C 5-2232256-6 Cap Panel Mount 2 X 6 12 105 Dark C 5-2232356-3 Cap Panel Mount 3 X 3 9 105 Dark C 5-2232356-3 Cap Panel Mount 3 X 4 12 105 Dark C 5-2232356-7 Cap Panel Mount 3 X 4 12 105 Dark C 1971777-2 TPA Locking Plate 1 X 2 2 150 Blac <tr< td=""><td>100</td><td></td><td></td><td></td><td></td><td></td><td></td><td>Dark Gra</td></tr<>	100							Dark Gra
S-223263-3 Cap								Dark Gra
S-223263-4 Cap	-		-					
S-223263-7 Cap	201							
S-223264-3 Cap	-		-					
5-223264-4 Cap								
5-2232264-5 Cap Panel Mount 2 X 5 10 105 Dark C 5-2232264-6 Cap Panel Mount 2 X 6 12 105 Dark C 5-2232356-3 Cap Panel Mount 3 X 3 9 105 Dark C 5-2232356-4 Cap Panel Mount 3 X 4 12 105 Dark C 5-2232356-7 Cap Panel Mount 3 X 4 12 105 Dark C 1971777-2 TPA Locking Plate 1 X 2 2 150 Blad 1971777-3 TPA Locking Plate 1 X 3 3 150 Blad 1971777-3 TPA Locking Plate 1 X 4 4 150 Blad 1971778-3 TPA Locking Plate 2 X 3 6 150 Blad 1971778-6 TPA Locking Plate 2 X 5 10 150 Blad 197178-1 Receptacle std Receptacle 14AWG NA 105 nc	_							
5-2232264-6 Cap Panel Mount 2 X 6 12 105 Dark C 5-2232356-3 Cap Panel Mount 3 X 3 9 105 Dark C 5-2232356-4 Cap Panel Mount 3 X 4 12 105 Dark C 5-2232356-7 Cap Panel Mount 3 X 4 12 105 Dark C 1971777-2 TPA Locking Plate 1 X 2 2 150 Blac 1971777-3 TPA Locking Plate 1 X 3 3 150 Blac 1971777-4 TPA Locking Plate 1 X 5 5 150 Blac 1971778-3 TPA Locking Plate 2 X 3 6 150 Blac 197178-4 TPA Locking Plate 2 X 4 8 150 Blac 197178-6 TPA Locking Plate 2 X 6 12 150 Blac 197178-1 Receptacle std Receptacle 14AWG NA 105 nc	50		·					
5-2232356-3 Cap Panel Mount 3 X 3 9 105 Dark C 5-2232356-4 Cap Panel Mount 3 X 4 12 105 Dark C 5-2232356-7 Cap Panel Mount 3 X 5 15 105 Dark C 1971777-2 TPA Locking Plate 1 X 2 2 150 Blad 1971777-3 TPA Locking Plate 1 X 3 3 150 Blad 1971777-4 TPA Locking Plate 1 X 4 4 150 Blad 1971778-3 TPA Locking Plate 2 X 3 6 150 Blad 1971778-4 TPA Locking Plate 2 X 3 6 150 Blad 197178-5 TPA Locking Plate 2 X 5 10 150 Blad 197178-6 TPA Locking Plate 2 X 5 10 150 Blad 1971783-1 Receptacle std Receptacle 14AWG NA 105 nc	-							
5-2232356-4 Cap Panel Mount 3 X 4 12 105 Dark C 5-223356-7 Cap Panel Mount 3 X 5 15 105 Dark C 197177-2 TPA Locking Plate 1 X 2 2 150 Blad 197177-3 TPA Locking Plate 1 X 3 3 150 Blad 197177-4 TPA Locking Plate 1 X 4 4 150 Blad 1971778-3 TPA Locking Plate 1 X 5 5 150 Blad 1971778-4 TPA Locking Plate 2 X 3 6 150 Blad 197178-5 TPA Locking Plate 2 X 5 10 150 Blad 197178-6 TPA Locking Plate 2 X 5 10 150 Blad 197178-1 Receptacle std Receptacle 12 X 6 12 150 Blad 197178-1 Receptacle std Receptacle 14 AWG NA 105 nc			·					
5-2232556-7 Cap			1					
1971777-2			-					
1971777-3								
1971777-4								
197177-5	The same							
1971778-3 TPA								
1971778-4								
1971778-5 TPA	Million.							
1971778-6 TPA Locking Plate 2 X 6 12 150 Black 1971789-1 NA CPA NA NA 150 rec 1971779-1 Receptacle std Receptacle 12AWG NA 105 ncc 1971781-1 Receptacle std Receptacle 14AWG NA 105 ncc 1971783-1 Receptacle std Receptacle 16-20AWG NA 105 ncc 1971785-1 Receptacle std Receptacle 22AWG NA 105 ncc 1971787-1 Receptacle std Receptacle 22AWG NA 105 ncc 1971787-1 Receptacle std Receptacle 2x18AWG NA 105 ncc 1971780-1 Tab std Tab 12AWG NA 105 ncc 1971782-1 Tab std Tab 14AWG NA 105 ncc 1971782-1 Tab std Tab 14AWG NA 105 ncc 1971784-1 Tab std Tab 16-20AWG NA 105 ncc 1971786-1 Tab std Tab 16-20AWG NA 105 ncc								
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1971783-1 Receptacle std Receptacle 16-20AWG NA 105 nc			1					nc
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1971787-1 Receptacle std Receptacle 2x18AWG NA 105 nc								
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1971782-1 Tab std Tab 14AWG NA 105 nc 1971784-1 Tab std Tab 16-20AWG NA 105 nc 1971786-1 Tab std Tab 22AWG NA 105 nc								
1971784-1 Tab std Tab 16-20AWG NA 105 nc 1971786-1 Tab std Tab 22AWG NA 105 nc								
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	المالف							
19/1/88-1 Tab std lab 2x18AWG NA 105 nc								nc
1971238-1 Tab std Tab 2x20AWG NA 105 nc		1971788-1	Tab	std Tab				nc

Application Tooling Information: For application tooling part numbers, see application specification 114-106118

Note: Housing and Plug part numbers listed above are for keying option A



FREQUENTLY ASKED QUESTIONS

Q1. What are the operating temperature requirements?

The new POWER TRIPLE LOCK connector system offers all V-0 materials, with standard product made from a PBT material, rated at 105°C. For high temperature applications, like cooking, materials are available for 150°C.

Q2. What is the benefit of choosing glow wire housings?

The POWER TRIPLE LOCK connector system offers glow wire housings that allow manufacturers of home appliances to comply with the IEC 60335-1 standard.

Q3. What are the current and voltage requirements for your application?

The POWER TRIPLE LOCK connector system has a maximum current rating of 20 amps per line and is rated for 600 VAC or VDC. Refer to product specification 108-106118 for de-rating chart.

Q4. What are the wire size requirements?

The POWER TRIPLE LOCK connector system can accommodate single wire ranges from 12 AWG to 20 AWG, and double wires from 2X18 AWG to 2X20 AWG.

Q5. In what circuit count is the POWER TRIPLE LOCK connector system offered?

The POWER TRIPLE LOCK connector system is available from 2 to 15 positions, with both free hanging and panel mount housings.

Q6. Do I need to use the Connector Position Assurance (CPA) device and the Terminal Position Assurance (TPA) device?

The CPA and TPA devices are offered for this POWER TRIPLE LOCK connector system as options. Many customers are now asking for these devices in some or all of their applications as added security to help ensure the connector halves remain together once mated and ensure contact retention in each circuit cavity.

Q7. Do you offer Terminal Position Assurance (TPA) devices for Matrix (3 row) housings?

Yes. The Matrix housings are designed to accept 1 Single row and 1 Dual row TPA.

${\tt Q8.\,What\,connector\,keying\,options\,are\,offered\,for\,the\,POWER\,TRIPLE\,LOCK\,connector\,system?}$

The POWER TRIPLE LOCK connector system will be available in 4 keying options for all connector ranges. This means that the same position size connector can be used in different harnesses, but with different keying to prevent mis-mating.

FOR MORE INFORMATION

TE Connectivity Technical Support Center

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For other country numbers, go to te.com/supportcenter

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