



# POWER VERSA-LOCK CONNECTORS

## DESIGNED FOR VERSATILITY AND PERFORMANCE

TE Connectivity's (TE) Power Versa-Lock connector system offers a high-performance, wire-to-wire power solution with IP67 rated protection from water and dust. These connectors have a compact 5.0mm pitch design and use tab and receptacle contacts to provide four points of contact for enhanced reliability. They are available with optional terminal position assurance (TPA) and back cover accessories, which both help ensure proper assembly and provide additional retention for reliability. The Power Versa-Lock series also offers a special twist and lock cap, designed for refrigeration applications, which allows condensation to drip away from the connection.

### ELECTRICAL

- Voltage Rating: 600V AC
- Current Rating: 15A

### MECHANICAL

- Pitch: 5.00mm
- Wire Size: 26-14AWG
- Positions: 1-4, 6, 9
- Configurations:
  - Wire-to-wire
  - Wire-to-panel
- Ingress Protection: IP67

### MATERIALS

- Flammability Ratings:
  - UL 94 V-0
  - Glow Wire Test (GWT)\*
- Operating Temperature: -30 to +130°C

### LEARN MORE

- [Landing Page](#)

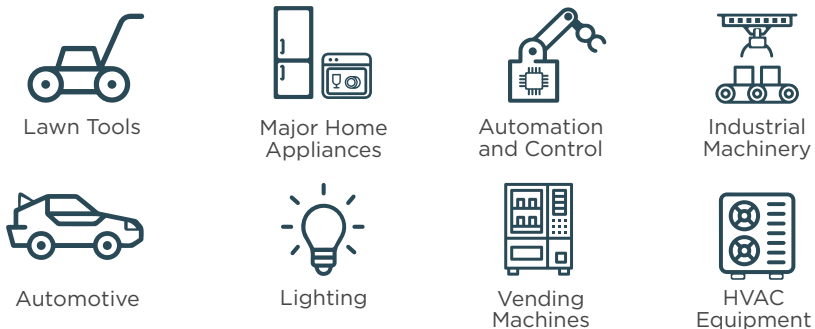
### KEY FEATURES

- IP67 rated protection against water and dust
- Perimeter seals offer low mating force for enhanced ergonomics
- Optional TPA (for use with unsealed version) and back covers (for use with sealed version) help ensure proper assembly
- Tab and receptacle contact system helps provide higher reliability
- Mounting clip secures free hanging connectors where panel mounting is not an option
- Innovative twist and lock (TNL) cap offering was designed to allow moisture to drip away from the connection in refrigeration applications

### PRODUCT SPECIFICATIONS

- Product Specification: [108-143081](#)
- Application Specification: [114-143082](#)
- Instruction Sheet: [408-143099](#)
- Engineering Report: [502-139208](#)
- VDE Certified, 40056789
- UL Recognized, E28476-20190104

### APPLICATIONS



\*GWT refers to glow wire testing. For more information on glow wire testing please review the white paper [Glow Wire Testing for the Appliance Industry](#) or visit the [Glow Wire Capable Connectors product page](#)

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## PLUG HOUSINGS

Flammability	Keying	1x1	1x2	1x3	1x4	2x3	3x3
UL 94 V-0	Key A - Natural	<a href="#">1-2345728-1</a>	<a href="#">1-2378159-2</a>	<a href="#">1-2378159-3</a>	<a href="#">1-2378159-4</a>	<a href="#">1-2336229-6</a>	-
	Key B - Lt Gray	-	<a href="#">2-2378159-2</a>	<a href="#">2-2378159-3</a>	<a href="#">2-2378159-4</a>	<a href="#">2-2336229-6</a>	-
	Key C - Brown	-	<a href="#">3-2378159-2</a>	<a href="#">3-2378159-3</a>	<a href="#">3-2378159-4</a>	<a href="#">3-2336229-6</a>	-
	Key D - Red	-	<a href="#">4-2378159-2</a>	-	-	-	-
	Key E - Orange	-	<a href="#">5-2378159-2</a>	-	-	-	-
	Key F - Violet	-	<a href="#">6-2378159-2</a>	-	-	-	-
	Key G - Yellow	-	<a href="#">7-2378159-2</a>	-	-	-	-
	Key H - Blue	-	<a href="#">8-2378159-2</a>	-	-	-	-
	Key I - Green	-	<a href="#">9-2378159-2</a>	-	-	-	-
UL 94 V-0 / GWT**	Key A - Blue	<a href="#">1-2381260-1</a>	<a href="#">1-2381315-2</a>	<a href="#">1-2381315-3</a>	<a href="#">1-2381315-4</a>	<a href="#">1-2381595-6</a>	<a href="#">1-2370527-9</a>
	Key B - Yellow	-	<a href="#">2-2381315-2</a>	<a href="#">2-2381315-3</a>	<a href="#">2-2381315-4</a>	<a href="#">2-2381595-6</a>	<a href="#">2-2370527-9</a>
	Key C - Natural	-	<a href="#">3-2381315-2</a>	<a href="#">3-2381315-3</a>	<a href="#">3-2381315-4</a>	<a href="#">3-2381595-6</a>	<a href="#">3-2370527-9</a>

## CAP HOUSINGS

Flammability	Keying	1x1	1x2	1x3	1x4	2x3	TNL* 2x3	3x3	TNL* 3x3
V0	Key A - Natural	<a href="#">1-2345729-1</a>	<a href="#">1-2378158-2</a>	<a href="#">1-2378158-3</a>	<a href="#">1-2378158-4</a>	<a href="#">1-2337219-6</a>	<a href="#">1-2336231-6</a>	-	-
	Key B - Lt Gray	-	<a href="#">2-2378158-2</a>	<a href="#">2-2378158-3</a>	<a href="#">2-2378158-4</a>	-	<a href="#">2-2336231-6</a>	-	-
	Key C - Brown	-	<a href="#">3-2378158-2</a>	<a href="#">3-2378158-3</a>	<a href="#">3-2378158-4</a>	-	<a href="#">3-2336231-6</a>	-	-
	Key D - Red	-	<a href="#">4-2378158-2</a>	-	-	-	-	-	-
	Key E - Orange	-	<a href="#">5-2378158-2</a>	-	-	-	-	-	-
	Key F - Violet	-	<a href="#">6-2378158-2</a>	-	-	-	-	-	-
	Key G - Yellow	-	<a href="#">7-2378158-2</a>	-	-	-	-	-	-
	Key H - Blue	-	<a href="#">8-2378158-2</a>	-	-	-	-	-	-
	Key I - Green	-	<a href="#">9-2378158-2</a>	-	-	-	-	-	-
UL 94 V-0 / GWT**	Key A - Blue	<a href="#">1-2381313-1</a>	<a href="#">1-2381317-2</a>	<a href="#">1-2381317-3</a>	<a href="#">1-2381317-4</a>	<a href="#">1-2381596-6</a>	<a href="#">1-2381608-6</a>	<a href="#">1-2370523-9</a>	<a href="#">1-2373799-9</a>
	Key B - Yellow	-	<a href="#">2-2381317-2</a>	<a href="#">2-2381317-3</a>	<a href="#">2-2381317-4</a>	<a href="#">2-2381596-6</a>	<a href="#">2-2381608-6</a>	<a href="#">2-2370523-9</a>	<a href="#">2-2373799-9</a>
	Key C - Natural	-	<a href="#">3-2381317-2</a>	<a href="#">3-2381317-3</a>	<a href="#">3-2381317-4</a>	<a href="#">3-2381596-6</a>	<a href="#">3-2381608-6</a>	<a href="#">3-2370523-9</a>	<a href="#">3-2373799-9</a>

\*TNL = Twist and lock

## ACCESSORIES

	1x1	1x2	1x3	1x4	2x3	3x3
Perimeter Seal	<a href="#">2325347-1</a>	<a href="#">2325347-2</a>	<a href="#">2325347-3</a>	<a href="#">2325347-4</a>	(2) <a href="#">2325347-3</a>	(3) <a href="#">2325347-3</a>
Rear Seal	<a href="#">2325349-1</a>	<a href="#">2325349-2</a>	<a href="#">2325349-3</a>	<a href="#">2325349-4</a>	(2) <a href="#">2325349-3</a>	(3) <a href="#">2325349-3</a>
Small ID Rear Seal			<a href="#">1-2325349-3</a>		(2) <a href="#">1-2325349-3</a>	(3) <a href="#">1-2325349-3</a>
Back covers	<a href="#">2334614-1</a>	<a href="#">2334614-2</a>	<a href="#">2334614-3</a>	<a href="#">2334614-4</a>	-	(3) <a href="#">2334614-3</a>
TPA - Black	<a href="#">2329016-1</a>	<a href="#">2329016-2</a>	<a href="#">2329016-3</a>	<a href="#">2329016-4</a>	<a href="#">2337218-6</a>	(3) <a href="#">2329016-3</a>
Cavity Plug (Rear Seal)				<a href="#">776363-1</a>		
Cavity Plug (Small ID Rear Seal)				<a href="#">776364-1</a>		

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## CONTACTS

Terminal Type	Terminal PN	Wire AWG	Applicator	Hand Tool
Seal Tab	<a href="#">2329907-1</a>	16-14	<a href="#">2837355-1</a>	<a href="#">2372810-1</a>
	<a href="#">2329908-1</a>	20-18	<a href="#">2837357-1</a>	<a href="#">2372815-1</a>
	<a href="#">2329911-1</a>	22	<a href="#">2837359-1</a>	<a href="#">2390220-1</a>
	26-24	<a href="#">2390221-1</a>		
Seal Receptacle	<a href="#">2329916-1</a>	16-14	<a href="#">2837355-1</a>	<a href="#">2372810-1</a>
	<a href="#">2329914-1</a>	20-18	<a href="#">2837357-1</a>	<a href="#">2372815-1</a>
	<a href="#">2329917-1</a>	22	<a href="#">2837359-1</a>	<a href="#">2390220-1</a>
	26-24	<a href="#">2390221-1</a>		
Unsealed Tab	<a href="#">2329910-1</a>	16-14	<a href="#">2837354-1</a>	<a href="#">2390215-1</a>
	<a href="#">2329906-1</a>	20-18	<a href="#">2837356-1</a>	<a href="#">2373175-1</a>
		2X22		<a href="#">2373180-1</a>
	<a href="#">2329909-1</a>	22	<a href="#">2837358-1</a>	<a href="#">2373180-1</a>
26-24		<a href="#">2373185-1</a>		
Unsealed Receptacle	<a href="#">2329913-1</a>	16-4	<a href="#">2837354-1</a>	<a href="#">2390215-1</a>
	<a href="#">2329912-1</a>	20-18	<a href="#">2837356-1</a>	<a href="#">2373175-1</a>
		2X22		<a href="#">2373180-1</a>
	<a href="#">2329915-1</a>	22	<a href="#">2837358-1</a>	<a href="#">2373180-1</a>
26-24		<a href="#">2373185-1</a>		

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10/23