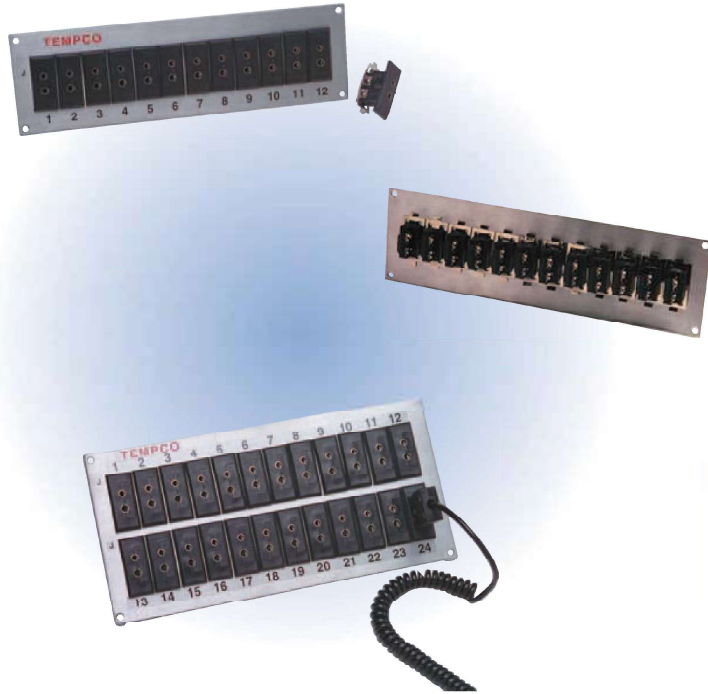




Temperature Sensing

Jack Panels

10" Long Bezel Jack Panel for Standard Thermocouple Connectors



Design Features:

- * Accepts standard plugs.
- * Jacks are ANSI color coded, glass-filled nylon with a temperature rating of 350°F (177°C) continuous and 400°F (204°C) intermittent.
- * Panels are manufactured from rugged, .090" thick aluminum.
- * Brushed and anodized finishes are available at an additional cost. Consult TEMPCO with your requirements.
- * Panels are normally supplied unassembled with all necessary hardware to assemble and install included. Can be furnished assembled at an additional cost.

Standard Sizes

Part Number	Number of Rows	Panel Height H x L (in)	Number of Jacks	Cutout Size H x L (in)
JP(+)-00001	1	3½ x 10	12	1⅞ x 9¼
JP(+)-00002	2	5⅝ x 10	24	3⅞ x 9¼
JP(+)-00003	3	8⅞ x 10	36	6½ x 9¼
JP(+)-00004	4	9⅞ x 10	48	8¼ x 9¼
JP(+)-00005	5	12¾ x 10	60	11¼ x 9¼
JP(+)-00006	6	14⅞ x 10	72	12⅝ x 9¼

+ Insert calibration code (J, K, T, E, R, S, U) in Part Number, "U" is designated for RTDs and type B thermocouples

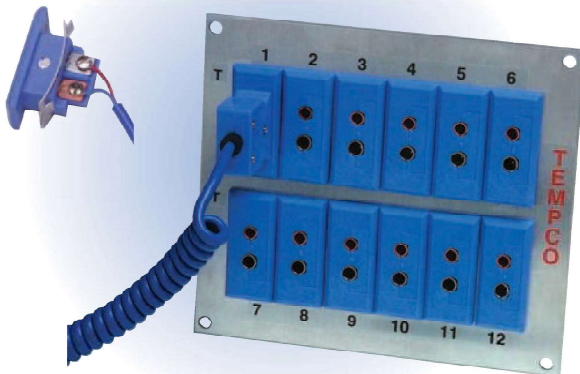


Notes: Mounting Hole Spacing: 3/16" in from each side to center of 13/64" hole (for #10 screw)

Bezel Panel Jacks are retained by a spring clip, which is installed from the rear of the panel.

Wire may be attached after jacks are installed in panel.

5-1/2" Long Bezel Jack Panel for Standard Thermocouple Connectors



Standard Sizes

Part Number	Number of Rows	Panel Height H x L (in)	Number of Jacks	Cutout Size H x L (in)
JP(+)-00007	1	3½ x 5½	6	1⅞ x 4 ² / ₃₂
JP(+)-00008	2	5⅝ x 5½	12	3⅞ x 4 ² / ₃₂
JP(+)-00009	3	8⅞ x 5½	18	6½ x 4 ² / ₃₂
JP(+)-00010	4	9⅞ x 5½	24	8¼ x 4 ² / ₃₂
JP(+)-00011	5	12¾ x 5½	30	11¼ x 4 ² / ₃₂
JP(+)-00012	6	14⅞ x 5½	36	12⅝ x 4 ² / ₃₂

+ Insert calibration code (J, K, T, E, R, S, U) in Part Number, "U" is designated for RTDs and type B thermocouples

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Temperature Sensing



Jack Panels

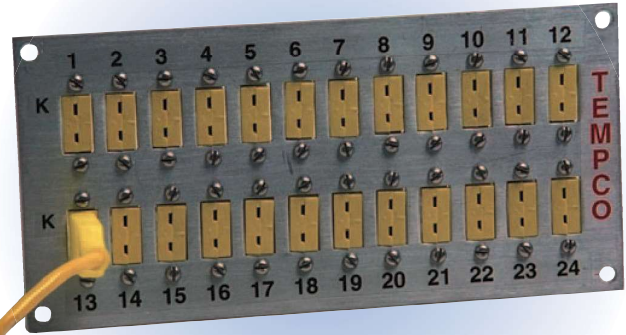
Jack Panels for Miniature Thermocouple Connectors

Design Features:

- * Designed to be space saving.
- * Complements modern miniature instrumentation.
- * Jack bodies are ANSI color coded, glass-filled nylon with a temperature rating of 350°F (177°C) continuous and 400°F (204°C) intermittent.
- * Panels are manufactured of rugged .090" thick aluminum.
- * Brushed and anodized finishes are available at an additional cost. Consult TEMPCO with your requirements.
- * Panels are supplied unassembled for ease of wiring—all hardware necessary to assemble is included.

Standard Sizes

Part Number	Number of Rows	Panel Height H x L (in)	Number of Jacks	Cutout Size H x L (in)
JP(+*)00013	1	2 ³ / ₃₂ x 3 ⁵ / ₈	6	1 ⁹ / ₃₂ x 3 ³ / ₃₂
JP(+*)00014	2	4 ⁷ / ₁₆ x 3 ⁵ / ₈	12	2 ¹⁵ / ₁₆ x 3 ³ / ₃₂
JP(+*)00015	3	5 ³ / ₃₂ x 3 ⁵ / ₈	18	4 ¹⁹ / ₃₂ x 3 ³ / ₃₂
JP(+*)00016	4	7 ⁵ / ₈ x 3 ⁵ / ₈	24	6 ¹ / ₄ x 3 ³ / ₃₂
JP(+*)00017	1	2 ³ / ₃₂ x 6 ⁵ / ₈	12	1 ⁹ / ₃₂ x 6 ¹ / ₁₆
JP(+*)00018	2	4 ⁷ / ₁₆ x 6 ⁵ / ₈	24	2 ¹⁵ / ₁₆ x 6 ¹ / ₁₆
JP(+*)00019	3	5 ³ / ₃₂ x 6 ⁵ / ₈	36	4 ¹⁹ / ₃₂ x 6 ¹ / ₁₆
JP(+*)00020	4	7 ⁵ / ₈ x 6 ⁵ / ₈	48	6 ¹ / ₄ x 6 ¹ / ₁₆



Note: Mounting Hole Spacing: 3/16" in from each side to center of 13/64" hole (for #10 screw)

+ Insert calibration code (J, K, T, E, R, S, U) in Part Number, "U" is designated for RTDs and type B thermocouples

Ordering Information

Catalog Jack Panels

Order by Part Number

Custom Engineered/Manufactured Jack Panels

For sizes and styles not listed, TEMPCO will design and manufacture a Jack Panel to meet your specifications. **Standard lead time is 2 weeks.**

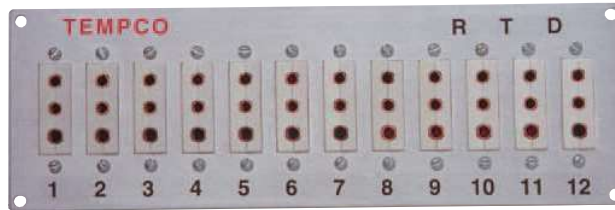
Please Specify the following:

- Overall Dimensions
- Type of Jack (Standard or Miniature)
- Number of Jacks (Circuits)
- Number of Rows
- Calibration

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.



Jack Panels for Standard 3-pin Connectors



Standard Sizes

Part Number	Number of Rows	Panel Height H x L (in)	Number of Jacks	Cutout Size H x L (in)
JP(✱)00021	1	3½ x 5¼	6	2½ ₃₂ x 4½ ₃₂
JP(✱)00022	2	6½ ₃₂ x 5¼	12	4½ ₃₂ x 4½ ₃₂
JP(✱)00023	3	8½ ₃₂ x 5¼	18	7½ ₃₂ x 4½ ₃₂
JP(✱)00024	4	11½ ₃₂ x 5¼	24	9½ ₃₂ x 4½ ₃₂
JP(✱)00025	1	3½ x 9¼	12	2½ ₃₂ x 8½ ₃₂
JP(✱)00026	2	6½ ₃₂ x 9¼	24	4½ ₃₂ x 8½ ₃₂
JP(✱)00027	3	8½ ₃₂ x 9¼	36	7½ ₃₂ x 8½ ₃₂
JP(✱)00028	4	11½ ₃₂ x 9¼	48	9½ ₃₂ x 8½ ₃₂

✱ Insert calibration code (J, K, T, E, R, S, U) in Part Number, "U" is designated for RTDs and type B thermocouples.

Design Features:

- * For use with RTDs and shielded thermocouples requiring 3 wires.
- * Will accept standard 3-Pin connectors.
- * Jack bodies are ANSI color coded, glass-filled nylon with a temperature rating of 350°F (177°C) continuous and 400°F (204°C) intermittent.
- * Panels are manufactured of rugged .090" thick aluminum.
- * Brushed and anodized finishes are available at an additional cost. Consult TEMPCO with your requirements.
- * Panels are supplied unassembled for ease of wiring — all hardware necessary to assemble is included.



Note: Mounting Hole Spacing: 3/16" in from each side to center of 13/64" hole (for #10 screw)

Jack Panels for Miniature 3-Pin Connectors



Standard Sizes

Part Number	Number of Rows	Panel Height H x L (in)	Number of Jacks	Cutout Size H x L (in)
JP(✱)00029	1	2½ ₁₆ x 4¾	6	1½ ₁₆ x 4½ ₃₂
JP(✱)00030	2	4½ ₁₆ x 4¾	12	3½ ₁₆ x 4½ ₃₂
JP(✱)00031	3	6½ ₁₆ x 4¾	18	5½ ₁₆ x 4½ ₃₂
JP(✱)00032	4	8½ ₁₆ x 4¾	24	7½ ₁₆ x 4½ ₃₂
JP(✱)00033	1	2½ ₁₆ x 9	12	1½ ₁₆ x 8½ ₃₂
JP(✱)00034	2	4½ ₁₆ x 9	24	3½ ₁₆ x 8½ ₃₂
JP(✱)00035	3	6½ ₁₆ x 9	36	5½ ₁₆ x 8½ ₃₂
JP(✱)00036	4	8½ ₁₆ x 9	48	7½ ₁₆ x 8½ ₃₂

✱ Insert calibration code (J, K, T, E, R, S, U) in Part Number, "U" is designated for RTDs and type B thermocouples

Design Features:

- * For use with RTDs and shielded thermocouples requiring 3 wires.
- * Complements modern miniature instrumentation.
- * Jack bodies are ANSI color coded, glass-filled nylon with a temperature rating of 350°F (177°C) continuous and 400°F (204°C) intermittent.
- * Panels are manufactured of rugged .090" thick aluminum.
- * Brushed and anodized finishes are available at an additional cost. Consult TEMPCO with your requirements.
- * Panels are supplied unassembled for ease of wiring—all hardware necessary to assemble is included.



Note: Mounting Hole Spacing: 3/16" in from each side to center of 13/64" hole (for #10 screw)

Temperature Sensing

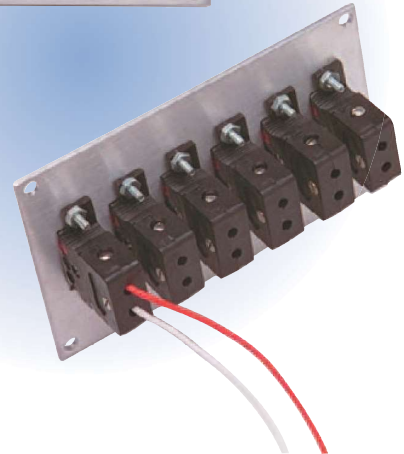
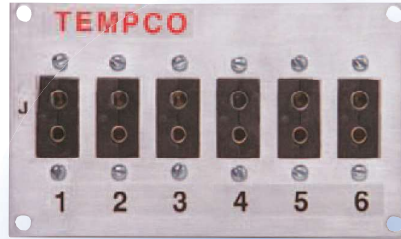


Jack Panels

Jack Panels — Jab-In Style Termination

Design Features:

- * Accepts Standard Plugs.
- * Jacks will accept up to 14-gauge wire.
- * Jack bodies are ANSI color coded, glass-filled nylon with a temperature rating of 350°F (177°C) continuous and 400°F (204°C) intermittent.
- * Panels are manufactured of rugged .090" thick aluminum.
- * Brushed and anodized finishes are available at an additional cost. Consult TEMPCO with your requirements.
- * Jack rows are placed further apart than standard Jack Panels for ease of termination.
- * Panels are supplied unassembled for ease of wiring — all hardware necessary to assemble is included.



Standard Sizes

Part Number	Number of Rows	Panel Height H x L (in)	Number of Jacks	Cutout Size H x L (in)
JP(+)00037	1	3½ x 5½	6	1⅞ x 4¾ ₃₂
JP(+)00038	2	5⅝ x 5½	12	3⅞ x 4¾ ₃₂
JP(+)00039	3	8⅞ x 5½	18	6½ x 4¾ ₃₂
JP(+)00040	1	3½ x 10	12	1⅞ x 9¼
JP(+)00041	2	5⅝ x 10	24	3⅞ x 9¼
JP(+)00042	3	8⅞ x 10	36	6½ x 9¼

+ Insert calibration code (J, K, T, E, R, S, U) in Part Number, "U" is designated for RTDs and type B thermocouples



Note: Mounting Hole Spacing: 3/16" in from each side to center of 13/64" hole (for #10 screw).

To help ease installation:
Optional Ratchet Screwdriver

Part Number:
TUL-101-101



Ordering Information

Catalog Jack Panels
Order by Part Number

Custom Engineered/Manufactured Jack Panels

For sizes and styles not listed, TEMPCO will design and manufacture a Jack Panel to meet your specifications. **Standard lead time is 2 weeks.**

Please Specify the following:

- Overall Dimensions
- Type of Jack (Standard or Miniature)
- Number of Jacks (Circuits)
- Number of Rows
- Calibration

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.



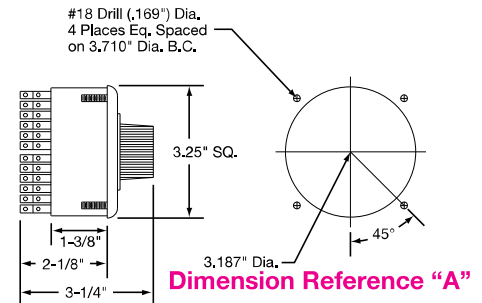
Temperature Sensing

Panel Accessories

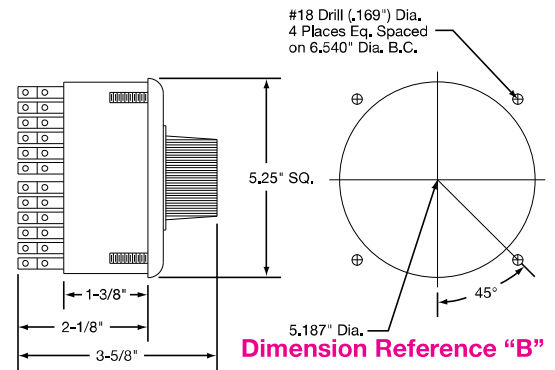
Thermocouple and RTD Selector Switch

Design Features:

- * Available in 6 to 36 positions.
- * 2-pole and 3-pole circuits with "OFF" position.
- * Silver-plated blades and contacts with self-cleaning wiper action and low contact resistance.
- * Terminals are silver-plated brass with numbered circuits and polarity identification.
- * "OFF" position has terminals available for shorting input circuit when using it with a digital meter (not available on 3-pole).
- * High-impact GE Noryl™ case.



Number of Positions	Circuit Type	Dimensions Reference	Part Number
6	2-Pole	A	TCA-124-101
10	Break Before Make	A	TCA-124-102
12	2-Pole	A	TCA-124-103
18	Make Before Break	A	TCA-124-104
20	Make Before Break	A	TCA-124-105
24	2-Pole	B	TCA-124-106
36	Make Before Break	B	TCA-124-107
6	3-Pole	B	TCA-124-108
12	3-Pole	B	TCA-124-109
18	Make Before Break	B	TCA-124-110
24	Make Before Break	B	TCA-124-111



Circular Panel Jacks

Design Features:

- * Available in standard and miniature sizes (2-pin only).
- * Used where individual jacks are required to fit in standard electrical knockouts.
- * Standard jack fits in 3/4" (1-1/8" dia.) electrical knockout.
- * Miniature jack fits in 1/2" (7/8" dia.) electrical knockout.
- * Jacks are ANSI color coded with a temperature rating of 350°F (177°C) continuous and 400°F (204°C) intermittent.
- * Both the standard and miniature jacks install from the front of the panel with no additional hardware required.

Standard Jack

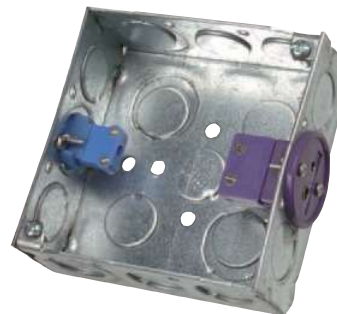


Miniature Jack



ANSI Calibration	Body Color	Part Number	
		Standard	Miniature
J	Black	TCA-102-167	TCA-102-174
K	Yellow	TCA-102-168	TCA-102-175
T	Blue	TCA-102-169	TCA-102-176
E	Purple	TCA-102-170	TCA-102-177
R/S	Green	TCA-102-171	TCA-102-178
U*	White	TCA-102-172	TCA-102-179
N	Orange	TCA-102-173	—

* "U" is designated for RTDs and type B thermocouples



Example of Electrical Box Mount

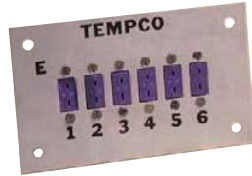
Temperature Sensing



Jack Panels

Jack Panels

Panel Only



Panel and Box Assembly

For FS Box

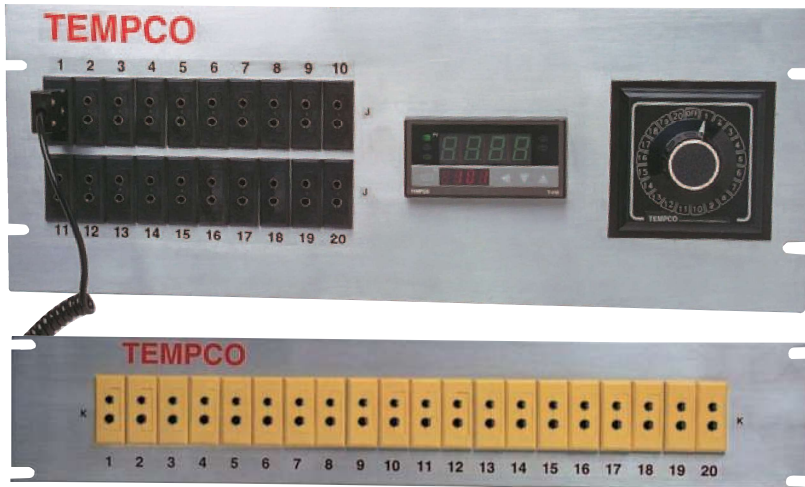
Design Features:

- * Jack Panels are designed to be used with standard FS Style boxes.
- * Panels are manufactured of rugged .090" thick aluminum.
- * Panels are designed to accept the safest maximum number of Jacks.
- * Available for Standard and Miniature Jacks, 2-pin or 3-pin.
- * Rated for 350°F (177°C) continuous and 400°F (204°C) intermittent.
- * Panels measure 2-13/16" high × 4-1/2" long.

Jack Style	Number of Jacks	Part Number Panel Only	Part Number Panel and Box Assembly
Standard 2-Pin Bezel Mount	4	JP(⊕)00043	JP(⊕)00060
Standard 2-Pin Jab-In Mount	4	JP(⊕)00044	JP(⊕)00062
Standard 3-Pin	4	JP(⊕)00045	JP(⊕)00063
Miniature 2-Pin	6	JP(⊕)00046	JP(⊕)00059
Miniature 3-Pin	4	JP(⊕)00047	JP(⊕)00064

⊕ Insert calibration code (J, K, T, E, R, S, U) in Part Number, "U" is designated for RTDs and type B thermocouples

Custom-Made 19" Rack Panels



Design Features:

- * Panels are made of .090" thick aluminum with a smooth mill finish.
- * All panels have slotted holes positioned at E.I.A. standard spacing.
- * Panels are available with any of the standard or miniature Panel Jacks shown in this section.
- * Rack Panels come in standard heights of 3-1/2", 5-1/4", 7", and 8-1/4".
- * Panels are supplied unassembled for ease of wiring—all hardware to assemble is included.

Ordering Information

Custom Engineered/Manufactured Rack Panels

TEMPCO can manufacture a Rack Panel to meet your specifications. **Standard lead time is 2 weeks.**

Please Specify the following:

Rack Panels are custom made.

- Panel Size
- Type of Jack (Standard or Miniature)
- Number of Jacks (circuits)
- Number of Rows
- Calibration(s)
- Panel Meter Style
- Switch—if required

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov