

# TEMPERATURE CONTROLS PTY LTD

ACN: 650 190 183 ABN: 966 501 901 83

7 YAMMA STREET

SEFTON, NSW 2162 AUSTRALIA

PH: (02) 9721 8644 FAX: (02) 9738 9339 EMAIL: [sales@temperature.com.au](mailto:sales@temperature.com.au)

[www.temperature.com.au](http://www.temperature.com.au)

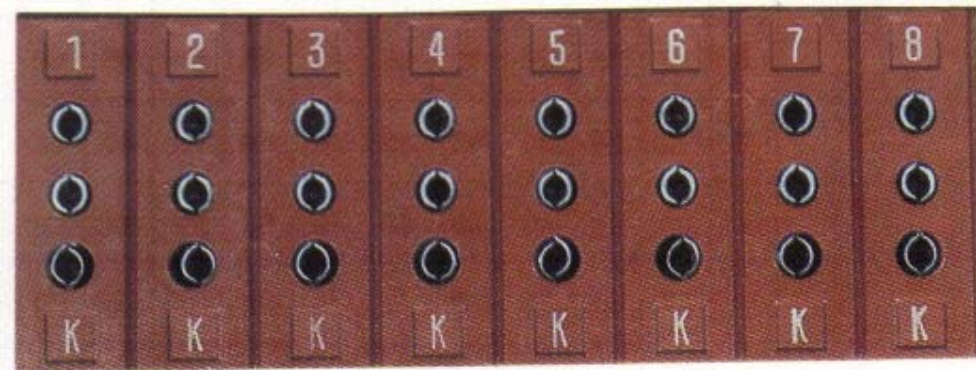


TERMOCOUPLES \* RTD SENSORS \* THERMOWELLS \* EXTENSION CABLES \* LEVEL SWITCHES

SD 1400

## THERMOCOUPLE CONNECTORS

*Full Size, 3-Pole Stripanel®*



Stripanels available in 2 to 12 circuits in even number of circuits

- Color Coded
- For cutouts - does not require mounting frame or holes.
- Stripanels can be wired and installed completely from front. Patented self-contained fastening device, "T-Nut", is permanently attached, simplifies mounting, holds tight. *Patent No. 3046516.*
- Thermocouple type and circuit numbers are marked on face of Stripanel and polarity identification on the back. Stripanels are numbered starting from "1" unless specified otherwise.
- Stripanels are molded of glass filled thermoset compounds (*will not melt*) for high strength and dependability. The color coded panels will withstand ambient temperatures to 400°F (205°C) continuous and 500°F (260°C) intermittent. High-Temperature Panels (all Hi-Temp panels are color coded **red**) will withstand ambient temperatures to 800°F (425°C) continuous and 1000°F (540°C) intermittent.
- Inserts are spring loaded collet type to assure positive full contact with the negative insert larger making it virtually impossible to mismatch.
- For corrosive applications, gold or nickel plated prongs and inserts are available. **Caution - system errors can result from use of plated contacts if significant thermal gradients exist at connector.**

Number of Circuits	"A" Dimension Panel Length	"C" Dimension Cutout Length	Full Size 3-Pole Panel Part No.	Hi-Temp Full Size 3-Pole Panel Part No.
2	1 1/2"	1 5/16"	1034-2-*	1134-2-*
4	3"	2 13/16"	1034-4-*	1134-4-*
6	4 1/2"	4 5/16"	1034-6-*	1134-6-*
8	6"	5 13/16"	1034-8-*	1134-8-*
10	7 1/2"	7 5/16"	1034-10-*	1134-10-*
12	9"	8 13/16"	1034-12-*	1134-12-*

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*\*Thermocouple Type Code: J,K,T,N,E,R,S, U,C*

T/C TYPE CODE	INSERT MAT'L ALLOY			COLOR CODE
	POSITIVE	NEGATIVE	GROUND	
<b>J</b>	Iron	Constantan	Copper	<b>Black</b>
<b>T</b>	Copper	Constantan	Copper	<b>Blue</b>
<b>K</b>	Chromel™	Alumel™	Copper	<b>Yellow</b>
<b>N</b>	Nicrosil	Nisil	Copper	<b>Orange</b>
<b>R</b>	Copper	#11 Alloy	Copper	<b>Green</b>
<b>S</b>	Copper	#11 Alloy	Copper	<b>Green</b>
<b>E</b>	Chromel™	Constantan	Copper	<b>Violet</b>
<b>U</b>	Copper	Copper	Copper	<b>White</b>
<b>C</b>	#405 Alloy	#426 Alloy	Copper	<b>Brown</b>
<b>ALL HI-TEMP CONNECTORS</b>				<b>Red</b>

Full Size - 3-Pole Stripanel® with Mounting Frame  
Marlin Catalog No. 1035

- Stripanels with mounting frames can accommodate virtually any number of circuits.
- One-piece mounting frame is made of 3/32" thick rigid steel with flat black finish.
- For specifications see Stripanel 1034 section.
- For available frame sizes, [Please consult the factory](#).
- Horizontal rows are assumed unless specified vertical by the suffix "V" which are numbered from top to bottom: e.g. 1035 - 4x12 -48 -K - V.
- Stripanels with mounting frames will withstand ambient temperatures of 400°F (205°C) continuous and 500°F (260°C) intermittent. Hi-Temp panels will withstand ambient temperatures to 800°F (425°C) continuous and 1000°F (540°C) intermittent.
- For corrosive applications, gold or nickel plated prongs and inserts are available. **Caution - system errors can result from use of plated contacts if significant thermal gradients exist at connector.**

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## FULL SIZE - 3-POLE - 19" RACK - MOUNTED STRIPANEL®

- Universal 19" Racks accept 2 to 24 Circuits of No. 1034 Stripanels, less than 24 circuits are supplied with filler sections.
- Circuits can be added in the field without changing frame.
- 19" Rack Frame is made of sturdy 10 ga. steel that will not flex in use. Standard frame is flat black. High-Temperature frame is bright silver finish.
- Thermocouple type and circuit numbers are marked on the face of the strip panel and polarity identification on the back. Stripanels are numbered starting with "1" unless otherwise specified.
- Stripanels are molded of glass filled thermoset compounds (will not melt) for high strength and dependability. The color coded panels will withstand ambient temperatures to 400°F (205°C) continuous and 500°F (260°C) intermittent. High-temperature panels (ALL Hi-Temp panels are color coded **red**) will withstand ambient temperatures to 800°F (425°C) continuous and 1000°F (540°C) intermittent.
- Inserts are spring loaded collet type to assure positive full contact with the negative insert larger making it virtually impossible to mismatch.
- For corrosive applications, gold plated inserts are available. *Caution - system errors can result from use of plated contacts if significant thermal gradients exist at connector.*

T/C TYPE CODE	INSERT MAT'L ALLOY		COLOR CODE	HI-TEMP COLOR CODE
	POSITIVE	NEGATIVE		
<b>J</b>	Iron	Constantan	<b>Black</b>	<b>Red</b>
<b>T</b>	Copper	Constantan	<b>Blue</b>	<b>Red</b>
<b>K</b>	Chromel™	Alumel™	<b>Yellow</b>	<b>Red</b>
<b>N</b>	Nicrosil	Nisil	<b>Orange</b>	<b>Red</b>
<b>R</b>	Copper	#11 Alloy	<b>Green</b>	<b>Red</b>
<b>S</b>	Copper	#11 Alloy	<b>Green</b>	<b>Red</b>
<b>E</b>	Chromel™	Constantan	<b>Violet</b>	<b>Red</b>
<b>U</b>	Copper	Copper	<b>White</b>	<b>Red</b>
<b>C</b>	#405 Alloy	#426 Alloy	<b>Brown</b>	<b>Red</b>