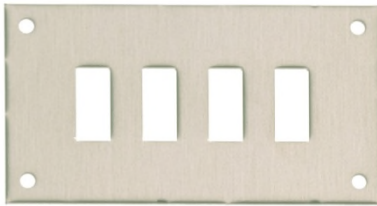


Datasheet

Connector Panels – for Panel Mounting Thermocouple Sockets

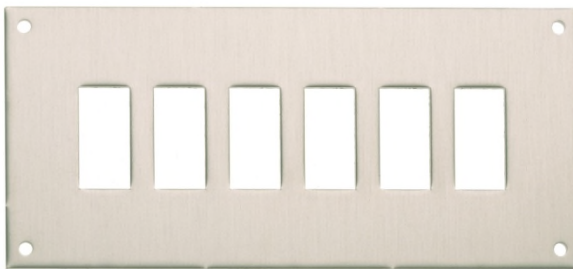
Miniature Panel:

suitable with Miniature Panel Sockets (not included):



Standard Panel:

suitable with Standard Panel Sockets (not included):



- Anodised Aluminium Faceplates
- Suitable for miniature & standard fascia panel mounting thermocouple sockets
- Etch matt & satin anodised finish
- Miniature size panels available in 2, 4, 6, 12, 16, 20 & 24 way
- Standard size panels available in 1, 2, 3, 4 & 6 way
- 1 to 12 way panels in single row (as shown)
- 16, 20 & 24 way panels are in two rows i.e. 16 way = 2 rows of eight, 20 way = 2 rows of 10, 24 way = 2 rows of 12
- Both miniature & standard panels have 4 x 3.2mm fixing holes, positioned 5mm centre line from corners edges

Panel Size	No. of rows/holes	Width	Height	Thickness	Allied code	RS order code
Miniature						
2 way	1 x 2	55mm	45mm	2mm	70643874	397-1674
4 way	1 x 4	85mm	45mm	2mm	70643875	397-1703
6 way	1 x 6	115mm	45mm	2mm	70641748	236-4132
12 way	1 x 12	205mm	45mm	2mm	70643876	397-1719
16 way	2 x 8	145mm	75mm	2mm	70651751	762-1156
20 way	2 x 10	175mm	75mm	2mm	70651754	762-1165
24 way	2 x 12	205mm	75mm	2mm	70651755	762-1168

Connector Panels (continued)

Panel Size	No. of rows/holes	Width	Height	Thickness	Allied code	RS order code
Standard						
1 way	1 x 1	50mm	66mm	2.5mm	70641749	236-4148
2 way	1 x 2	69mm	66mm	2.5mm	70643877	397-1731
3 way	1 x 3	88mm	66mm	2.5mm	70643878	397-1753
4 way	1 x 4	107mm	66mm	2.5mm	70643879	397-1769
6 way	1 x 6	145mm	66mm	2.5mm	70641750	236-4154

Looking for Miniature or Standard Fascia Sockets?

IEC Miniature Thermocouple Panel Fascia Sockets

Types K, J, T, E, N, R/S, B & Copper
(IEC Colour Code)



- Miniature thermocouple fascia mounting sockets with clip
- All fascia mounting sockets are polarised by means of unequally sized pins
- Panel mounting
- Nylon clip for quick, simple fixing to panel
- For Types K, J, T, E & N contacts are made from true Thermocouple alloys
- R/S type has compensating copper/copper nickel alloy contacts (for R or S Type Thermocouples)
- B type has compensating copper/copper contacts (for B Type Thermocouples)
- Colour coded in accordance with IEC specification
- Max temperature 120°C

T/C Type	Colour Code (IEC)	+Positive Contact (alloy type)	-Negative Contact (alloy type)	Allied Code	RS order Code
K	Green	+Nickel Chromium	-Nickel Alloy	70644389	455-9742
J	Black	+Iron	-Copper Nickel	70644385	455-9691
T	Brown	+Copper	-Copper Nickel	70644400	455-9900
E	Violet	+Nickel Chromium	-Copper Nickel	70652495	774-7210
N	Pink	+Nickel/Chro/Silicon	-Nickel Silicon	70644394	455-9815
R/S	Orange	+Copper	-Copper Alloy	70644398	455-9871
B	Grey	+Copper	-Copper	70652497	774-7217
Copper	White	+Copper	-Copper	70644382	455-9657

ANSI Miniature Thermocouple Panel Fascia Sockets

Types K, J, T, E, N, R/S & B
(ANSI Colour Code)



- Colour coded in accordance with ANSI specification

T/C Type	Size	Colour Code (ANSI)	+Positive Contact (alloy type)	-Negative Contact (alloy type)	Allied code	RS order Code
K	Miniature	Yellow	+Nickel Chromium	-Nickel Alloy	70652146	769-1199
J	Miniature	Black	+Iron	-Copper Nickel	70652145	769-1195
T	Miniature	Blue	+Copper	-Copper Nickel	70652148	769-1206
E	Miniature	Violet	+Nickel Chromium	-Copper Nickel	70652144	769-1192
N	Miniature	Orange	+Nickel/Chro/Silicon	-Nickel Silicon	70652149	769-1209
R/S	Miniature	Green	+Copper	-Copper Alloy	70652147	769-1202
B	Miniature	Grey	+Copper	-Copper	70652141	769-1183

JIS Miniature Thermocouple Panel Fascia Sockets

Types K, J, T, E, R/S & B
(JIS Colour Code)



- Colour coded in accordance with JIS specification

T/C Type	Colour Code (JIS)	+Positive Contact (alloy type)	-Negative Contact (alloy type)	Manufacturing Reference	Allied code	RS order Code
K	Blue	+Nickel Chromium	-Nickel Alloy	JM-K-FF	70652337	771-8859
J	Yellow	+Iron	-Copper Nickel	JM-J-FF	70652332	771-8840
T	Brown	+Copper	-Copper Nickel	JM-T-FF	70652336	771-8856
E	Violet	+Nickel Chromium	-Copper Nickel	JM-E-FF	70652334	771-8846
R/S	Black	+Copper	-Copper Alloy	JM-R/S-FF	70652335	771-8852
B	Grey	+Copper	-Copper	JM-B-FF	70652333	771-8843

IEC Standard Thermocouple Panel Fascia Sockets

Types K, J, T, E, N, R/S, B & Copper
(IEC Colour Code)



- Standard thermocouple fascia mounting socket with clip
- Panel mounting
- Accepts standard round pin plug connectors
- Nylon clip for quick, simple fixing to panel
- All fascia mounting sockets are polarised by means of unequally sized pins
- Available in Thermocouple Types K, J, T, E, N, R/S, B & Copper
- For Types K, J, T, E & N contacts are made from true Thermocouple alloys
- R/S type has compensating copper/copper nickel alloy contacts (for R or S Type Thermocouples)
- B type has compensating copper/copper contacts (for B Type Thermocouples)
- Colour coded in accordance with IEC specification
- Max temperature 120°C

T/C Type	Colour Code (IEC)	+Positive Contact (alloy type)	-Negative Contact (alloy type)	Allied Code	RS order Code
K	Green	+Nickel Chromium	-Nickel Alloy	70641642	219-4949
J	Black	+Iron	-Copper Nickel	70641644	219-5009
T	Brown	+Copper	-Copper Nickel	70641643	219-4977
E	Violet	+Nickel Chromium	-Copper Nickel	70652517	774-7286
N	Pink	+Nickel/Chro/Silicon	-Nickel Silicon	70641741	236-4053
R/S	Orange	+Copper	-Copper Alloy	70641645	219-5037
B	Grey	+Copper	-Copper	70652516	774-7282
Copper	White	+Copper	-Copper	70643576	326-9783

ANSI Standard Thermocouple Panel Fascia Sockets

Types K, J, T, E, N, R/S & B
(ANSI Colour Code)



- Colour coded in accordance with ANSI specification

T/C Type	Size	Colour Code (ANSI)	+Positive Contact (alloy type)	-Negative Contact (alloy type)	Allied Code	RS order Code
K	Standard	Yellow	+Nickel Chromium	-Nickel Alloy	70652201	769-1381
J	Standard	Black	+Iron	-Copper Nickel	70652203	769-1388
T	Standard	Blue	+Copper	-Copper Nickel	70652206	769-1397
E	Standard	Violet	+Nickel Chromium	-Copper Nickel	70652200	769-1379
N	Standard	Orange	+Nickel/Chro/Silicon	-Nickel Silicon	70652202	769-1385
R/S	Standard	Green	+Copper	-Copper Alloy	70652205	769-1394
B	Standard	Grey	+Copper	-Copper	70652199	769-1375

JIS Standard Thermocouple Panel Fascia Sockets

Types K, J, T, E, R/S & B
(JIS Colour Code)



- Colour coded in accordance with JIS specification

T/C Type	Colour Code (JIS)	+Positive Contact (alloy type)	-Negative Contact (alloy type)	Manufacturing Reference	Allied Code	RS order Code
K	Blue	+Nickel Chromium	-Nickel Alloy	JS-K-FF	70652383	771-9010
J	Yellow	+Iron	-Copper Nickel	JS-J-FF	70652380	771-9001
T	Brown	+Copper	-Copper Nickel	JS-T-FF	70652385	771-9017
E	Violet	+Nickel Chromium	-Copper Nickel	JS-E-FF	70652382	771-9007
R/S	Black	+Copper	-Copper Alloy	JS-R/S-FF	70652384	771-9013
B	Grey	+Copper	-Copper	JS-B-FF	70652381	771-9004