0.375" PITCH
SERIES RSB6
ORDERING INFORMATION

RSB	6	R	P	07	11	02	11
Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ

Ⓐ Single Screw Tri-Barrier Strips RSB

Ⓑ Contact Spacing

6=.375 in. (6/16)

Ⓒ Mounting Position Options

H= High Rise (Use only with #17 or #18 terminal option)

R= Right-angle mounting, w/out bracket

S= Right-angle mounting, with bracket

V= Vertical Mounting

Ⓓ End Contact Options

E= Open end pos. with mounting inserts

M= Open end positions

P= All positions filled with contacts

Ⓔ No. of Circuits (Not Positions)

02 through **34** for M Option

02 through **36** for P Option

Ⓕ Terminal Style

11=Solder Tail, V Mounting

12=Circuit Board, V Mounting (select this option when block is to be used with RSB plug-in socket)

13=Non-Feedthrough, R, S or V Mounting

14=Solder Tail, R or S Mounting

15=Circuit Board, R or S Mounting

16=Machine Wrap, R or S Mounting

17=Machine Wrap, V Mounting

18=Circuit Board (for High Rise Mounting Position only)

19=Extended Circuit Board, V Mounting

20=Extended Circuit Board, R or S Mounting

Ⓖ Top Hardware Options

01=Bright zinc and chromate plated steel binding head screw

02=Bright zinc and chromate steel screw and captive clamp – Do not order in combination with other top hardware

03=Stainless steel binding-head screw

04=Nickel plated brass binding-head screw

09=Nickel plated brass screw and captive clamp – Do not order in combination with other top hardware

Quick-Connect Blades

(supplied with 01 screw)

.110 wide x.032 thick	.187 wide x.020 thick
22	42=
23	43=
24	44=
25	45=
29	49=
30	50=
31	51=
33	53=
35	55=
36	56=

Ⓗ Circuit Identification Options

Request drawing #7013624 for complete information

(Blank) = No circuit identification

Front	Top
11	21 = 12345...
12	22 = ...54321
13	23 =
14	24 =
15	25 =
16	26 =
17	27 =
18	28 =

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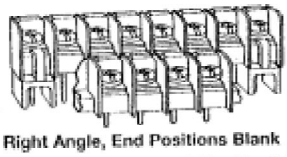
FEATURES/OPTIONS

Mounting & Contact Position Options

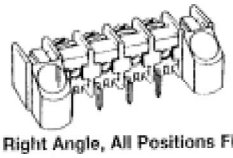
High-Rise, All Positions Filled With Contacts

Catalog Code HP: Designed for high density; two rows deep when used in conjuction with a VP configuration.



Right Angle, End Positions Blank

Catalog Codes SM & RM: Used for right angle mounting when blank end sections are preferred.



Right Angle, All Positions Filled With Contacts

Catalog Codes SP & RP: Can be used for right angle printed circuit board mounting without mounting brackets (P#P); or panel mounting with brackets (S#P).

Vertical, Direct Mounting

Catalog Code VP: This configuration is frequently used on printed circuit boards where solder connections are used to fasten the block to the board.

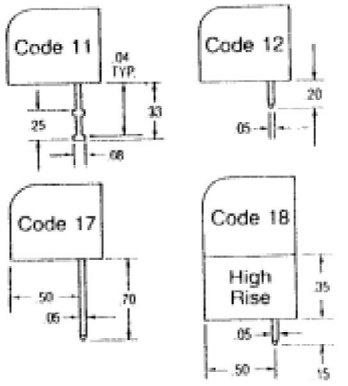
Vertical, End Position Mounting

Catalog Code VM:
Used where end sections are needed for mounting. Thickness of base is sufficient to support mounting screws.

Terminal Style

Vertical Terminals

Catalog Number Codes 11, 12, 17 & 18:
Four terminal styles are availble in the vertical mounting configuration. The Solder Tail (#11) for wrapped solder connections, the Circuit Board (#12, #18) for printed circuit boards, and the Machine Wrap (#17) for two level printed circuit boards or wrapped wire connections.

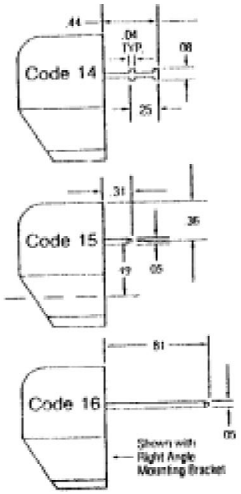


Non-Feed-Through

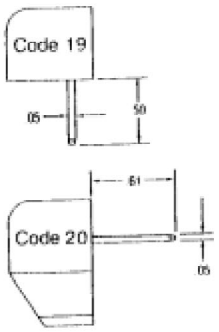
Catalog Number Code 13:
Screw connection only. Used as panel mounted tie point.

Right Angle Contacts

Catalog Number Codes 14,15 & 16:
The Solder Tail (#14), Circuit Board (#15), and the Machine Wrap (#16) terminals are also available in the right-angle mounting configuration.



Extended Circuit Board



Top Hardware Options:

Binding Head Screws

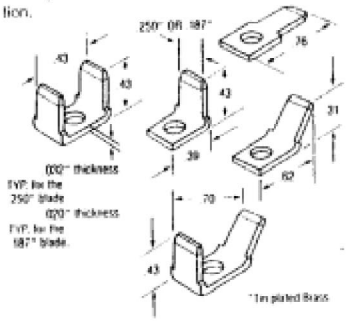
Four Styles Available

Captive Clamp

Catalog Number Code: 02 & 09.
For applications requiring extra security, captive clamps under the screw heads augment the locking tabs on each contract.
Screws have #8 pan head with a unique Phillips slot design accepting either Phillips head or straight screwdriver. The body is #6 to allow use of larger wire.

Quick Connects

Catalog Code below: A selection of .187" and .250" quick connect blades with tin plated brass are available for connecting wire terminated with female quick-connects. They are available individually or in combination. See ordering information.



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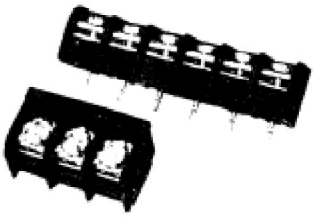


RSB6RP##1102

Physical Properties

Housing Material: Polypropylene
Flammability: UL94V-2
Color: Black

Terminal

Terminals: Brass, bright acid tin over copper plating
Screw: Steel w/Zinc + Chromate plating
Clamp: Steel w/Zinc + Chromate plating

Mechanical

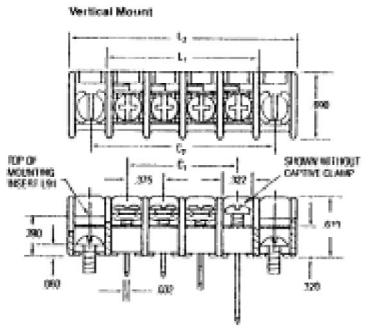
Pitch (Terminal Spacing): .375"
Screw Size: 6-32
Recommended PCB Hole Dia.: .062"
Wire Strip Length: .38"
Recommended Tightening Torque: 9 in lbs.
Recommended Screwdrivers: Stanley 1006-4,
Sears Craftsman 41581, Any #2 Phillips-Head
Wire Lug Width (Max.): 8.1mm (.320")

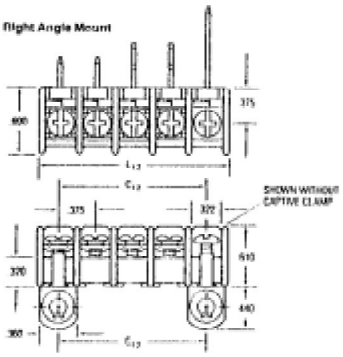
Electrical Properties

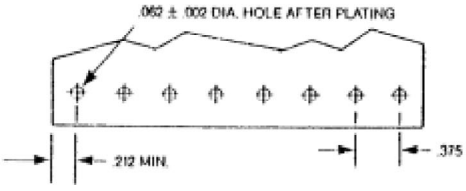
Maximum Current: 20A
Operating Voltage: 300V
Wire Range: (Clamp Screw) #12 max AWG
(Binding Head Screw) #14 max AWG
Dielectric Withstand: 3500V

Environmental Properties

Operating Temperature Range: -60°C to +105°C
(-76°F to +221°F)







Recommended PCB Hole Pattern

Computing RSB Block Lengths.

Direct Mounting – Use C1 & L1 for VP, SP, RP, HP mounting options

Dimensions

CIRCUITS (NOT POSITIONS)	C1 IN.	L1* IN.	C2 IN.	L2* IN.
01			.75	1.22
02	.37	.84	1.13	1.59
03	.75	1.22	1.50	1.97
04	1.13	1.59	1.88	2.34
05	1.50	1.97	2.25	2.72
06	1.88	2.34	2.63	3.09
07	2.25	2.72	3.00	3.47
08	2.63	3.09	3.37	3.84
09	3.00	3.47	3.75	3.84
10	3.37	3.84	4.13	4.59
11	3.75	4.22	4.50	4.97
12	4.13	4.59	4.88	5.34
13	4.50	4.97	5.25	5.72
14	4.88	5.34	5.63	6.09
15	5.25	5.72	6.00	6.47
16	5.63	6.09	6.38	6.84
17	6.00	6.47	6.75	7.22
18	6.38	6.84	7.13	7.59
19	6.75	7.22	7.50	7.97
20	7.13	7.59	7.88	8.34
21	7.50	7.97	8.25	8.72
22	7.88	8.34	8.63	9.09
23	8.25	8.72	9.00	9.47
24	8.63	9.09	9.75	9.84
25	9.00	9.47	9.75	10.22
26	9.38	9.84	10.13	10.59
27	9.75	10.22	10.50	10.97
28	10.13	10.59	10.88	11.34
29	10.50	10.97	11.25	11.72
30	10.88	11.34	11.63	12.09
31	11.25	11.72	12.00	12.47
32	11.63	12.09	12.38	12.84
33	12.00	12.47	12.75	13.22
34	12.38	12.84	13.13	13.59
35	12.75	13.22	13.50	13.97
36	13.13	13.59	13.88	14.34