

## SERIES 28

# .688" Double Row Phenolic Barrier Terminal Strip

### Description

The series 28 phenolic terminal strip is our highest power double row rated 50 Amps @ 300 Volts and 150° C. The terminal block is offered in feed-thru and open bottom designs and is available in a variety of terminal and screw styles.

The standard #10-32 screw is designed for years of rugged use. The product is compatible with 10 AWG bare or up to 6 AWG lugged wires.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry—using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

### Features

- **High power and voltage**, the series 28 is rated a full 50 Amp @ 300 Volts.
- **Rugged and reliable**, the #10-32 screw insures years of use and unmatched performance.
- **High temperature phenolic** insulator out performs many thermoplastic compounds.
- **Wide variety of options**. Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.



### PRODUCT RATINGS

#### #10-32 SCREW

UL	Class B	50 Amps @ 300 V 6 AWG (lugged)
	Class C	50 Amps @ 150 V 6 AWG (lugged)
CSA	Class B	50 Amps @ 300 V 6 AWG (lugged)

### APPROVALS

UL	File No. E48521 Guide No. XCFR2
CSA	File No. 025562

### TECHNICAL SPECIFICATIONS

#### ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

#### MECHANICAL

Tightening torque	20 in-lbs.
Maximum torque	22 in-lbs.
Wire strip length	5/16"
Wire range	6 AWG lugged - Max

#### ENVIRONMENTAL

Operating temp	-55° to +150° C
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### MATERIALS

Insulator	General purpose phenolic, UL94V-0, black
Terminal	Brass, nickel plate
Screws	#10-32, phillips/slotted, brass, nickel plate

### OPTIONS

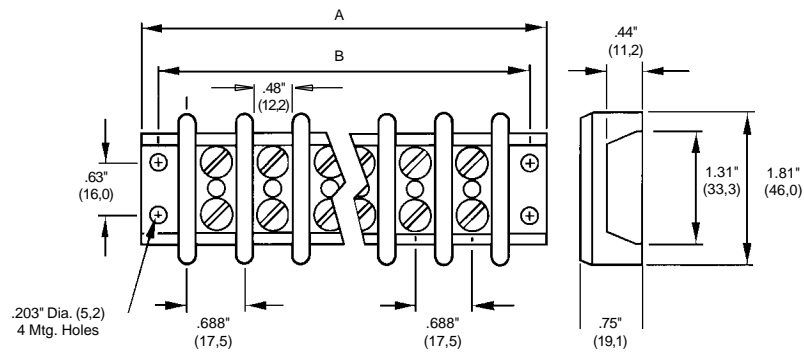
-58	No screws, barrier only
-59	Screws supplied unassembled
-60	One row screws supplied unassembled
-61	One row screws not supplied

### HOW TO ORDER

2	8	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS		
	0 3	2 to 12	(Dash #s above and opposite page)		

\*Consult factory for combinations of screw options.

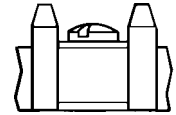
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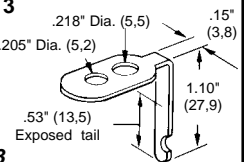
No. of Circuits	A		B	
	in.	mm	in.	mm
1	1.81	46.0	1.38	34.9
2	2.50	63.5	2.06	52.4
3	3.19	81.0	2.75	69.9
4	3.88	98.4	3.44	87.3
5	4.56	116	4.13	105
6	5.25	133	4.81	122
7	5.94	151	5.50	140
8	6.63	168	6.19	157
9	7.31	186	6.88	175
10	8.00	203	7.56	192
11	8.69	221	8.25	210
12	9.38	238	8.94	227

## TERMINAL STYLES

### STYLE 0 Screw Terminal



### STYLE 3 Solder Short



P/N 283