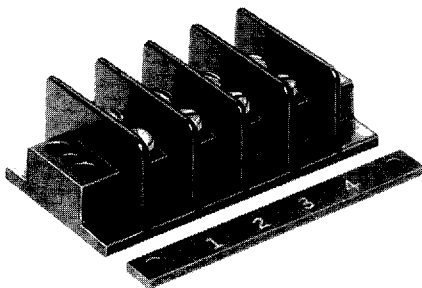


# Barrier Blocks Marker Strips Series 542

.563" (14.30mm) Density  
Screw Terminal



## Features

- Interposing barriers between terminals yield higher electrical ratings and provide additional protection against frayed wire shorting
- All barrier terminal blocks are equipped with binder head screws
- Marker strips identify terminal positions, insulate exposed portions of terminals from conductive mounting surfaces
- One-eighth inch white numerals are standard
- Top-mounted marker strip can be furnished
- Designed with high barriers for applications where electrical and mechanical performance requirements are especially critical
- Bottoms are closed so insulating strips are not required
- Knockouts are molded into base so Y terminals can be accommodated
- UL Recognized—file E61245
- CSA—LR 31996

## Performance Data

### Materials

**Insulation Material:** Molded monoblock, general purpose phenolic, black

**Eyelet Material:** Brass

**Eyelet Plating:** Nickel

**Screw Material:** Steel

**Screw Plating:** Nickel over copper flash

**Solder Terminal Material:** Brass

**Solder Terminal Plating:** Tin

### Electrical Characteristics

**Operating Voltage:** 600 volts

**Voltage Rating Without Marker Strip:** 4000 VAC rms maximum

**Voltage Rating With Marker Strip:** 4000 VAC rms maximum

**Current Rating:** 30 Amps maximum

**Maximum Watts Per Terminal:** 7500

### Mechanical Characteristics

**Maximum Wire Size:** #10

**Screw Size:** 8-32 x 5/16", binder head

**Barrier:** High

**Marker Mounting:** Top

**Standard Number of Terminals:** 2-26

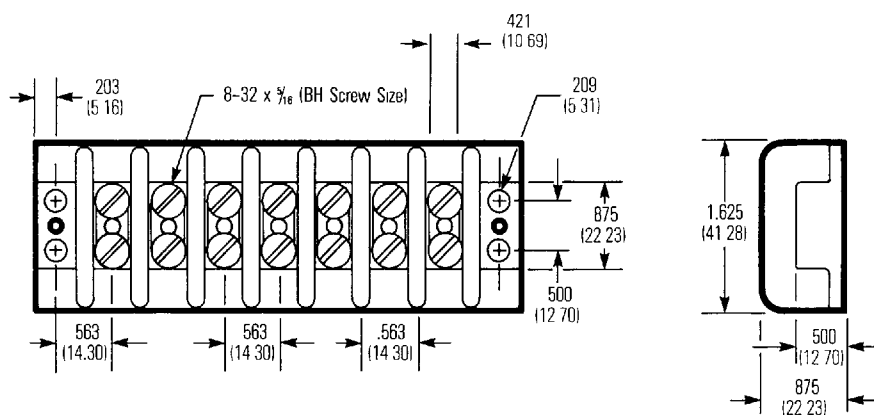
### Environmental Characteristics

**Operating Temperature:** -55°F to +300°F

### Accessories

Accessories for barrier terminal blocks are described on pages 98-101.

## Dimensions



## Ordering Information

Barrier Block

**11**

**No. of  
Contacts**  
2 thru 26

— **542**

**Series Identifier**  
542 = 542 Series

Marker Strip

**MSX**

**Series Prefix**  
MSX = Marker Strip

— **11**

**Number of Barrier  
Block Contacts**  
2 thru 26

— **542**

**Barrier Block  
Series Identifier**  
542 = 542 Series