

# TERMINAL SCREWS



TERMILOCK™ TERMINAL SCREW ASSEMBLIES

CIRCUIT BREAKER SCREWS



**TOUGH ENVIRONMENTS  
NEED TOUGH PRODUCTS  
TERMINAL SCREWS  
PRODUCT LINE**

*Assemblydirect*  
Eisen Electric Corporation  
eisennet.com



### TERMILOCK™



A terminal screw assembly is an electrical screw with a captive self-lifting spring clamp. The formed clamp allows for multiple wire configurations and prevents the wire from loosening under fatigue or being pulled out.

#### TERMILOCK™ is Gold Standard

Eisen's Termilock™ are the gold standard in captive washer terminal screws. These are uniquely engineered with tighter tolerances and made using special purpose machines to achieve consistent parts at high volumes. Electrical manufacturers all over the world use these parts in electrical motor contactors, terminal blocks, relays, and timers. Eisen's Termilock™ are offered in UL and IEC Compliant configurations.

#### Captive Washer Terminal Screws

In today's more sophisticated world of electrical distribution, consistently reliable electrical contacts are essential to product performance and safety. Our design and manufacturing capabilities provide virtually any type of stamped terminations pre-assembled to a wide range of screws. Even multiple washer assemblies are available to meet special termination needs. These washers can be flat and smooth or dished and ribbed. Dished or arched washers increase torque absorption, clamp load, and allow for single and dual wire terminations.

Furthermore, a complete capability to engineer and develop a wide variety of Saddle Clamp Sems is also available to assure positive wire retention.

#### UL and IEC Compliant

Eisen manufactures Termilock™ terminal screws to withstand both UL 486 and IEC 60999 torque, secureness, and pullout tests. Self threading terminal screws are available for chip-free forming of threads in untapped contacts. All terminal screws are available in steel and stainless steel.

#### Jam Proof



Our specialized machines and tools manufacture the terminal screws to very tight tolerances. This helps prevent jamming of screw threads by separating the clamping plate from the threads. Additional features lift the clamping plate straight up when the screw is loosened for a smooth release of the wire.

### Circuit Breaker Screws



Eisen manufactures circuit breaker terminal screws in very large quantities. Sizes range from 8-32, 10-32, 1/4-24, M4, M5, M6, and M8. All are made from alloy steels or stainless steels. Eisen offers superior recess depth control and torsional strengths. State of the art rust preventative coatings with 1000+ hours salt spray are offered.



Optical sorting for assembly automation

### Auxiliary Block Screws



Eisen manufactures Class 8.8 and 10.9 precision screws for auxiliary blocks. Large variety of lengths are offered in thread sizes M2.0, M2.5, M3.0, M3.5 and M4. Using Eisen screws you can be assured the threads and recess will not strip even at 200% above rated torques. Because of the critical nature of these precision screws, all parts are baked to eliminate any hydrogen embrittlement.



Operator sets up machine in Lansing, Michigan



### Facilities: Global Reach

- 3 North American Manufacturing Alliance Sites
- 1 Asian Manufacturing Site
- 3 Global Sales Locations
- ▲ 1 Global Technology Center



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