

# Semi-Hermetic Electric Feedthroughs

Fusite offers Plate models and Power Bolts, which provide a means for compressor manufacturers to make service connections for power.

Fusite's high-amperage and power-bolt feedthroughs utilize state-of-the-art glass-to-metal (GTM) sealing technology and insulating properties to accommodate high-amperage applications.

These feedthroughs are available in single-pin or multi-pin configurations which can be directly sealed or threaded into a mounting plate.

## Applications

Our high-amperage feedthroughs are used in commercial air conditioners, pumps, large chillers, screw compressors, and other high-amperage applications.

## Typical Specifications

- Hermeticity:  $< 1 \times 10^{-7}$  standard cc/sec helium
- Insulation resistance:  $> 10,000$  megohm @ 500 VDC
- Dielectric voltage: 5000 volts @  $< 0.5$  mA leakage utilizing ceramic insulators or rubber over molding
- Current carrying capacity: Up to 400 A with terminal pin materials such as solid stainless, stainless with copper core, and carbon steel
- Operating pressure: Up to 1450 psi or to our customers' specification
- Regulatory: UL Recognition on select models

