MPTS – Heavy Duty Units – for AC Power Quality Improvement

490A/480V/3Ph/400KVAr



Specifications

Model	: MPTS-H 490 - external CTs
Current Rating	: 490 Amperes
KVAr Rating	: 400
Voltage Input	: 480 VAC 60Hz
Supply	: Three Phase
Configuration	: 3 Phase - 3 or 4 Wire
Cable Entry	: Top Entry
Control Operation	: Automatic switching based on load requirements.
Controller	: Electronic control system using a Microcontroller
Displayed Data	: Voltage, Current, KVA, KVAh, KW, KWh, Hz, KVAr, PF
Display Meter	: Indicates RMS values.
Main Protection	: Short circuit and Over- load protection
Bank Protection	: Short circuit and Over- load protection
Construction	: Robust Standalone metal enclosure (indoor application only)
Dimensions	: 32 x 63 x 63 Inches (Width x Depth x Height)
Estimated Weight	: 1870 lbs. net, 2400 lbs. packaged (=± 3%)
Mounting	: Floor Mounting with Foundation Bolts.
Enclosure	: Powder coated corrosion resistant sheet steel enclosure (RAL 7035)
Transient protection	: Provided
Specifications	: may be updated with improvements

Suggested Cable Rating	Main incoming Breaker Rating	Suggested Cable Rating
Per regulatory requirement	800 Amps	As per NEC