

MV-TPS

Heat Control System

For the control of voltage applied to inductive and resistive heating elements



Rated operational current: 70 to 500 A
Main voltage: Up to 13.8 kV

The MV-TPS is a heavy duty, fully digital, zero-crossing, phase-control, 3-phase control power unit for all types of resistive loads, intended for voltage control of Medium Voltage heating applications. Using Medium Voltage drastically reduces the amount of cable required, the size of the heating elements and of the electrical equipment cabinets in addition to savings with unnecessary costly step-down transformers.

Advanced Features

- » Zero crossing & phase control (field programmable)
- » Comprehensive protection package
- » Communication: Modbus
- » Line and Inside delta connection
- » Synchronized mode (up to 10 units)

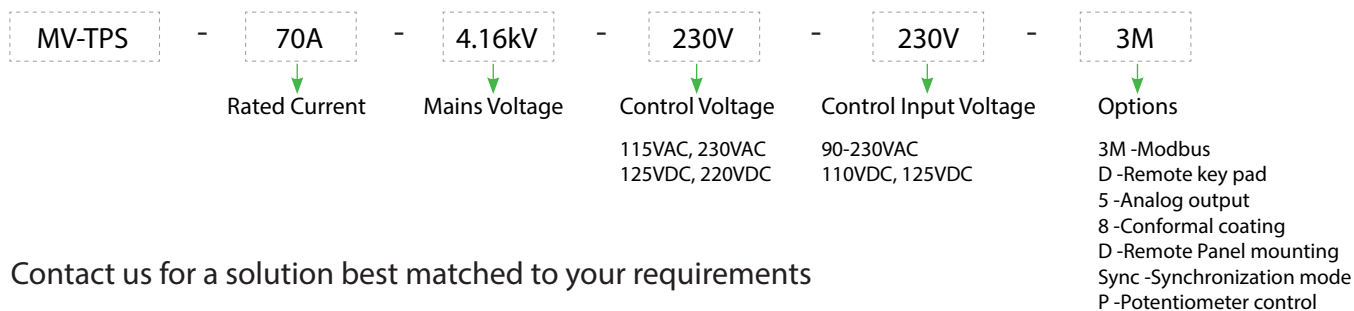
Models | Up to 13.8kV, 500A

Mains Voltage (kV)	Rated Current (A)	Heater kW @ 6.6kV*	Unit Dimensions		
			H	W	D
4.16	70	2000	62 in (1,573 mm)	41 in (1,032 mm)	27 in (685 mm)
	140				
	300				
	500	1000			
6.6, 11, 13.8	70	Consult Factory			
	140				
	300				
	500				

*For reference purposes only

How To Order

Example:



Contact us for a solution best matched to your requirements