

SI-MHCS Heat Control System

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



SOLCON
IGEL 
POWERED

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

The SI-MHCS 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 (mm)		
			H	W	D
4.16	70	2000	1,573	1,032	685
	140				
	300				
	500	1000			
6.6 11 13.8	70	Consult Factory			
	140				
	300				
	500				

How To Order

Example:

