

# SI-HCS

## Heat Control System

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



**SOLCON**  
**IGEL**   
POWERED

The **SI-HCS** is a heavy duty 3-phase power unit for controlling the voltage applied to either inductive or resistive heating elements. It is a heavy duty, digital, zero crossing and phase control power system.

### Process



» Pipeline Heating

» Mixers

### Oil & Gas



» Pipeline Heating

### Advanced Features

- » Range: 8-1500A, 230-1200V, 50/60Hz
- » Zero crossing & phase control (field programmable)
- » Comprehensive protection package
- » Communication: Modbus
- » Line and Inside delta connection
- » Synchronized mode (up to 10 units)

# HEAVY DUTY Heat Control System

Rated operational current: 8 to 1,500 A  
Main voltage: 115V – 230V

## Models | Up to 690VAC

Model	Rated Current (A)	Load kW @400V	Unit Dimensions (mm)			Weight (Kg)
			H	W	D	
A	8	6	291	172	185	6.3
	17	12				6.3
	31	21				6.4
	44	30				6.5
	58	40				6.5
	72	50				6.5
B	85	59	390	172	195	8.5
	105	73				
C	145	100	385	274	238	14.5
	170	118				
D	210	145	455	380	292	31
	310	215				
E	390	270	555	380	292	51
	460	318				
F	580	401	640	470	302	53
	820	567				
G	950	657	Consult Factory			
	1100	761	1225	1050	471	172
	1400	969				
	1500	1038				

## Models | 1200VAC

Rated Current (A)	Motor kW @1000V	Unit Dimensions (mm)			Weight (kg)
		H	W	D	
55	95				
105	182				
160	277	550	280	346	33.5
200	346				

## How to Order

Example:

SI-HCS - 31A - 400V - 230V - 230V - 3M

↓  
Rated Current

↓  
Mains Voltage

↓  
Control Voltage

↓  
Control Input Voltage

↓  
Options

400V, 480V, 600V,  
690V, 1000V

115VAC, 230VAC

90-230VAC

- 3M - Modbus
- D - Remote key pad
- 5 - Analog output
- 8 - Conformal coating
- D - Remote Panel mounting
- Sync - Synchronization mode
- P - Potentiometer control

# Meeting your needs across industries



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