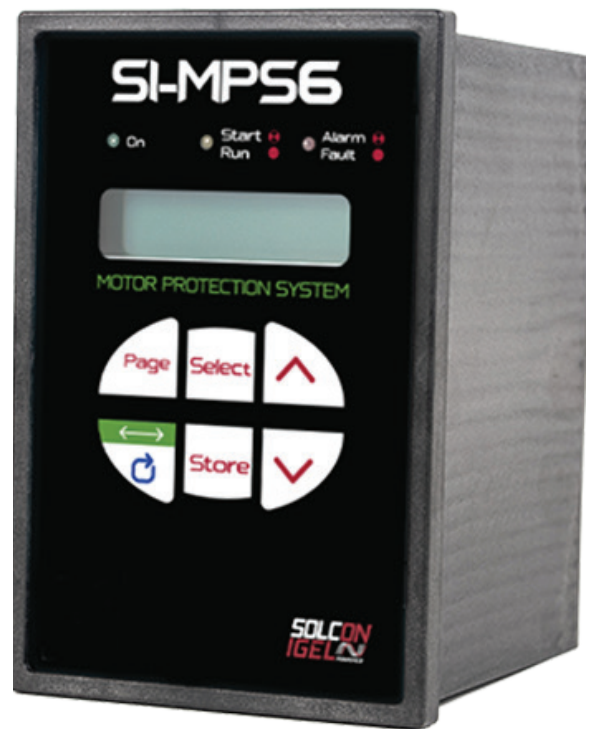


# SI-MPS6

## Motor Protection System

### Comprehensive Motor Protection and Control Package

The SI-MPS6 is a Motor Protection System that offers protection, control and supervision for Low Voltage high power motors and is also suitable for motors operating in a Motor Control Center (MCC).

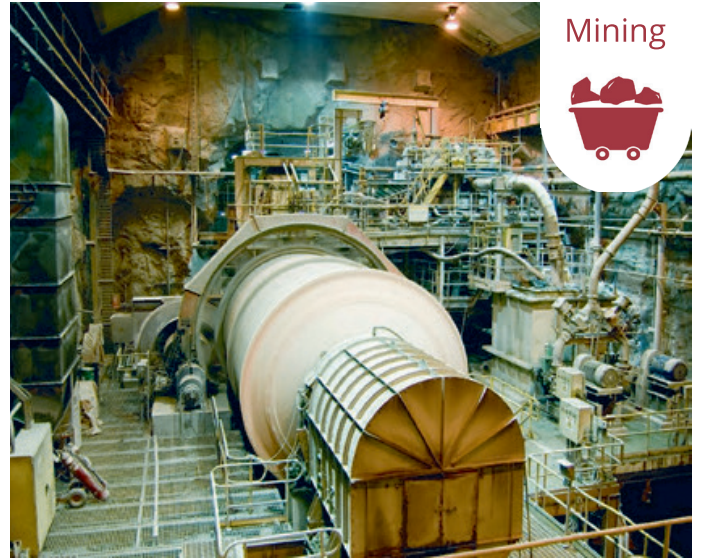




### Water



- » Pumps
- » Water Pumps
- » Sewage Pumps



### Mining



- » Pumps
- » Conveyors
- » Compressors
- » Fans
- » Ball Mills
- » .....And More



### Process



- » Pumps
- » Conveyors
- » Compressors
- » Hydr' Power Packs
- » Mixers
- » .....And More



### Marine



- » Pumps
- » Chillers
- » Thrusters
- » Propulsion Motors



### Oil & Gas



- » Pumps
- » Compressors
- » Fans



### HVAC



- » Pumps
- » Fans
- » Chillers

## Advanced Features

- » Monitoring 3 temperature inputs, 3-phase current, voltage and energy
- » Power measurement (single phase voltage measurement)
- » Statistical data last 10 trips -time / date stamp
- » RTD bias for thermal overload
- » Multiple Thermal Overload curves
- » Too Many Starts pre-alarm, configurable to energize dedicated output relay
- » No Start Process - starting method, allowing switching to run, if I > 10%
- » Capture and display of min and max RMS, average of 3-phase current, one voltage, min and max frequency
- » Ground Fault setting during start eliminates nuisance trips
- » MODBUS communication, remote parameter programming, control and supervision.
- » 6 programmable analog outputs

## Protection Package

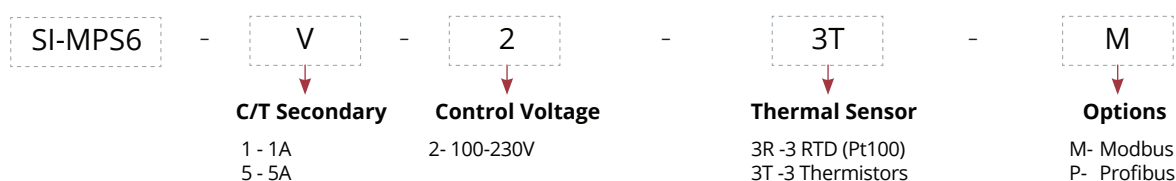
ANSI/IEEE C37.2 PROTECTIONS		
3	Communication failure / Internal failure	✓
27	Under-voltage	✓
32L	Under Power Level 1/2	✓
37	Under current Level 1/2	✓
46	Current Imbalance Level 1/2	✓
48	Max. Start Time	✓
49R	High Temp. Level 1/2, sensors 1-10	✓
49/51	Thermal Capacity Level 1/2	✓
50	Over Current Level 2 - Short	✓
50G	Ground Fault Level during starting	✓
50G/N	Ground Fault Level 1/2	✓
51L	Load Increase - Alarm	✓
51R	Over Current Level 1 - Jam	✓
55	Lead / Lag PF / Low Power Factor	✓
59	Over-voltage Level 1/2	✓
74	Welded contactor	✓

## Models

Unit Dimensions (mm)			Weight (kg)
H	W	D	
144	96	107	1.5

## How To Order

Example:



# Global Presence

With a network of more than 100 partners worldwide, the Solcon-IGEL brand is well represented across the globe.

As a global leader in solid state motor soft starters and control systems for applications that run across the scope of the industrial landscape we are constantly expanding our portfolio of products and services using the expertise and market knowledge that we have acquired over the years.

Solcon-IGEL's experience guarantees that our products are the right choice for any application.

Together with our partners we assure safety, efficiency and reliability.

## Meeting your needs across industries



[contact@solconigel.com](mailto:contact@solconigel.com)



[www.solconigel.com](http://www.solconigel.com)