



## SCP-C

Rectifier for Impressed Current  
Cathodic Protection System (ICCP)  
8A, 25A and 50A at 50VDC



accepted worldwide  
[www.solconusa.com](http://www.solconusa.com)

# SCP-C

## Solid State Rectifier

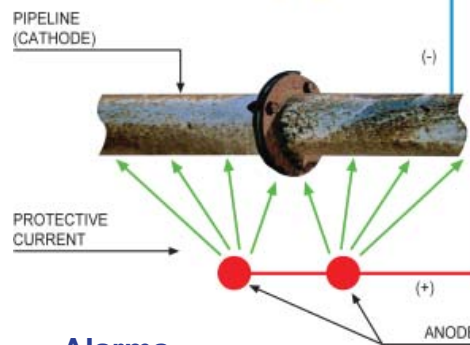
### Cathodic Protection

Protect in ground pipelines and storage tanks from corrosion with advanced digital Impressed Current Rectifiers for Cathodic Protection. The SCP-C Series includes a wide range of protection and measurement features and provides the ultimate solution for continuous supervisory operation. SCP-C is designed and built according to the stringent standards of NACE, CE and DNV.



### Advanced Features

- Micro processor control
- Internal interrupter
- Input for external interrupter
- Input and output lightning protection
- Single (8/25A) or Three Phase (50A) units
- Current rating: 8, 25, 50 Amperes DC (up to 3 parallel units for 150A) all at 50V DC
- Mode of operation : Pre-adjusted Constant voltage, Constant current, Constant potential (Instant off)
- Communications – GSM, control setting and feedback
- RS485 Modbus
- Satellite communication
- Water irrigation control
- GPS for time synchronization
- High resolution current and voltage adjustment
- Built in LCD display with Voltage, Current, Energy and Potential measurements
- System efficiency: 85% min
- Variety of enclosure types with built-in accessories (lightning arrestors, etc.)



### Alarms

- Input voltage failure
- Output current error
- Output voltage error
- Reference potential error

### Applications

- Pipelines (water, sewage, gas, crude oil etc.)
- Storage tank bases
- Water-circulating systems
- Jetties and harbor structures
- Ship's tanks (product and ballast)
- Storage tanks (Fuel, oil and water)
- Steel sheet, tubular and foundation pilings



### Protection Features

- Over current on the output
- Phase loss (power down)
- Over voltage on the input side (lightning protected)
- Over voltage on the output side (inductive voltage from external sources)

### RMU Remote Monitoring Unit

- Volt, Ampere and Potential measurements
- RS485 with Modbus protocol
- GSM Communication
- Irrigation control
- Interrupter control with GPS time synchronization
- Optional external interrupter
- Under Voltage and No Current alarm



### How to Order:

Example:

SCP-C 25 - 1 - 230 - 0 - S

↓                    ↓                    ↓                    ↓

Rated Current    Phases: Single or Three    Input Voltage    Chassis or Enclosed



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