

# Solid State Relays

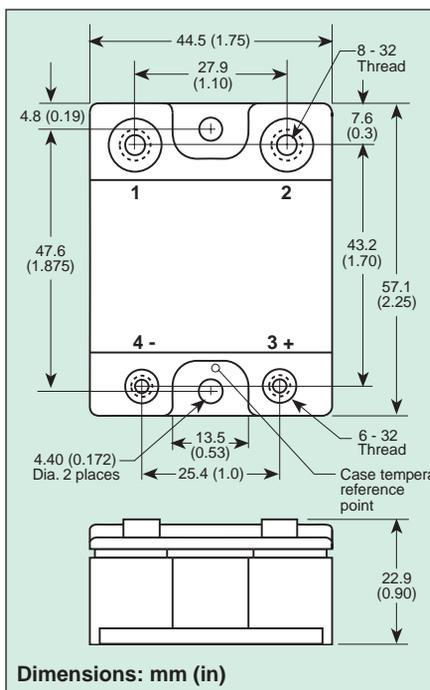
## DC-Input; 12, 20, 40 A, 100 Vdc Output

SSRDC100V Series  
Starts at  
**\$46**



- Optically Isolated
- Wide Control Range
- High Surge Ratings
- Compatible with Most Logic Systems
- 1500 Volt Isolation
- 100% Tested at Rated Current
- Fast Switching Times
- Optional Clear Plastic Safety Cover

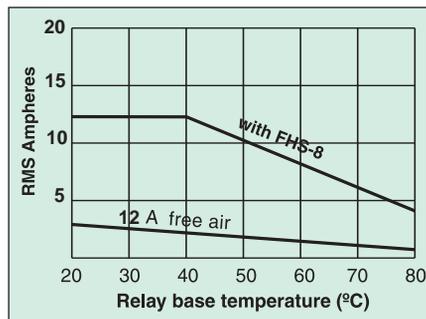
OMEGA's SSRDC100V Series solid state relays are DC input/DC output switching devices with no moving parts. These SSR's are capable of switching at high speeds without the noise associated with electromechanical relays. MOSFET outputs provide reliable switching.



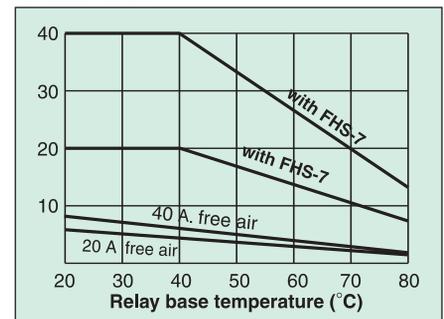
SSRDC100VDC12, \$46, shown larger than actual size.



12 A



20 and 40 A



### DC Control Specifications

Model Number	Line Voltage Range (Vdc)	Load Current Range (A)	Min Control Voltage and Current Draw	Max Control Voltage and Current Draw	Release Voltage (Vdc)
SSRDC100VDC12	0 to 100	12	4 Vdc/ 6 mA	32 Vdc/ 10 mA	1
SSRDC100VDC20	0 to 100	20	4 Vdc/ 6 mA	32 Vdc/ 10 mA	1
SSRDC100VDC40	0 to 100	40	4 Vdc/ 6 mA	32 Vdc/ 10 mA	1

**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)			
Model Number	Price	Description	Nominal Rating
SSRDC100VDC12	\$46	DC control signal (100 Vdc line)	12 A
SSRDC100VDC20	52		20 A
SSRDC100VDC40	67		40 A
SSRDC-COVER	2	Clear safety cover	—
FHS-7	30	Finned heat sink	1.0 C/W
FHS-8	20		1.5 C/W

Comes with operator's manual.

Ordering Example: SSRDC100VDC12, DC solid state relay with 12 A nominal rating, \$46

# omega.co.uk<sup>®</sup>

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

[www.omega.co.uk](http://www.omega.co.uk)



#### UNITED STATES

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

1-800-TC-OMEGA  
Stamford, CT.

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England  
0800-488-488  
+44-(0)161-777-6611

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)  
1-800-TC-OMEGA

#### FRANCE

[www.omega.fr](http://www.omega.fr)

0800-466-342

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenfronn, Germany  
0800-8266342

#### BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters