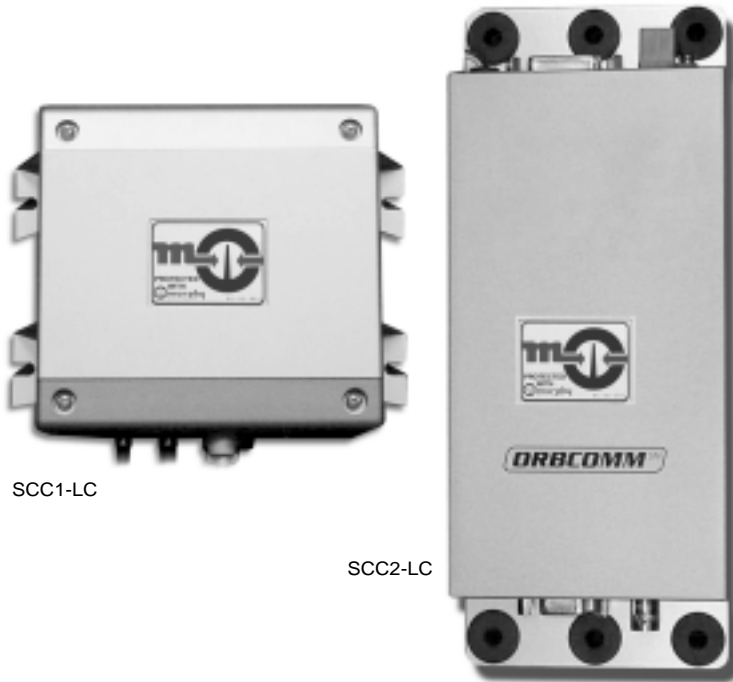


Satellite Communicator System



SCC Series

- Enables Remote Equipment to Transmit Vital Data Via Low Earth Satellite Telecommunications Network
- Sends E-Mail Messages Anywhere in the World to Alert a Remote Office
- Built-in RS232 Port, Factory-configurable or Can Be Custom Programmed
- Available GPS (Global Positioning) Function Gives Latitude and Longitude

Description

Frank W. Murphy Mfr. offers a variety of communication devices that interface with our line of protective and automation controls to provide worldwide monitoring and control of remotely located equipment. As a Value Added Reseller (VAR) for ORBCOMM™, we utilize ORBCOMM™'s low earth orbit (LEO) system of satellites to transmit data and commands between remote locations. Fault or status messages can be transmitted from the equipment site to a remote location using electronic messaging systems such as the Internet, pagers or voice communication devices.

An antenna (magnetic base or bracket mount), 25 ft. cable and installation instructions are included with this product.

The SCC Series of communicators are one-way communication devices which transmit a single general message (usually that a fault has occurred) and identifies the specific machine or piece of equipment, and the date and time of occurrence. Models are available for single or multiple fault/signal inputs. The contact operation can be Normally Open or Normally Closed. With the optional Global Positioning System (GPS) feature,

the communicator will also identify the longitude and latitude of the equipment. This can be valuable where equipment may be mobile, or in the case of rental equipment, where it is desirable to know the exact location of the equipment.

Models Available

Two models are available:

SCC1: Accepts 1 discrete input

SCC2: Accepts 2 discrete inputs and 2 analog inputs (4-20 mA or 0-3.3 VDC).

The output message can show the status of all sensor inputs as well as the present value of the variable being measured.

Because they are micro-processor based these devices can be factory programmed in various configurations. Consult factory for details.

Options

Options include:

GPS function

Battery for backup power – charge state maintained by the equipment or by solar cell.

Applications

- Pumps
- Air and Gas Compressors
- Standby Generators
- Construction Equipment
- Rental Equipment
- Airport Ground Support Equipment
- Marine Vessels

Specifications

Enclosure (standard): NEMA 3/12 Weather resistant; CRS painted; 12.75 x 15.75 x 5.5 in. (32 x 40 x 12.8 cm).

SCC1-LC (less case): NEMA 4X Weather resistant; 7.3 x 5.9 x 2.4 in. (18.5 x 15 x 6.1 cm).

SCC2-LC (less case): Non-weather resistant; 8 x 4.9 x 2.4 in. (20.5 x 12.4 x 6.1 cm).

Operating Temperature: -40 to 70°C (-40 to 167°F).

Interface: Rail mounted terminal block assembly.

Power Requirements

12/24 VDC.

Transmit: 2.5 A. Receive: 100 mA

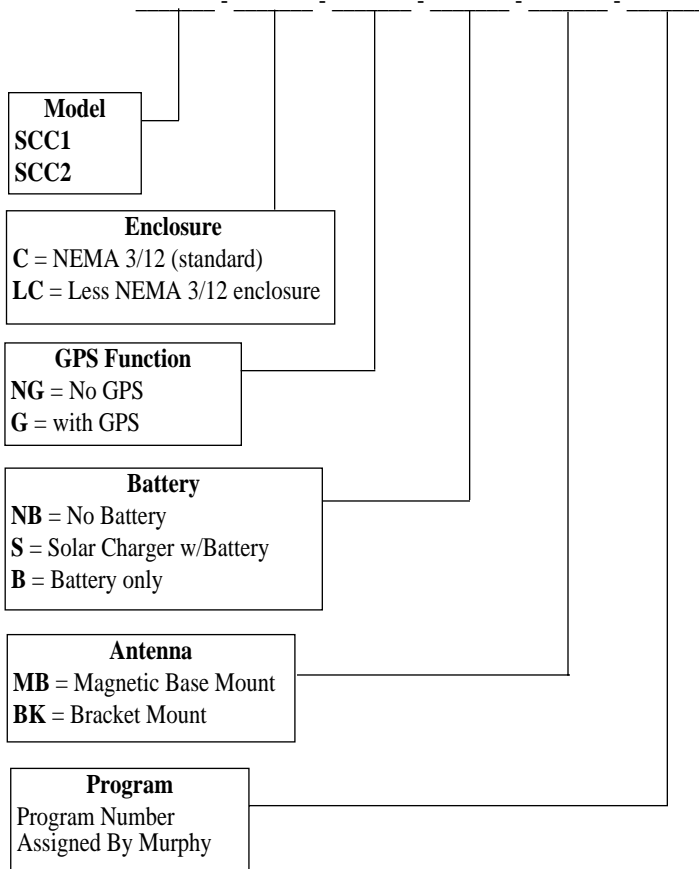
Optional Solar Charger/Battery Pack:

10 W, 12 V, 7 AH

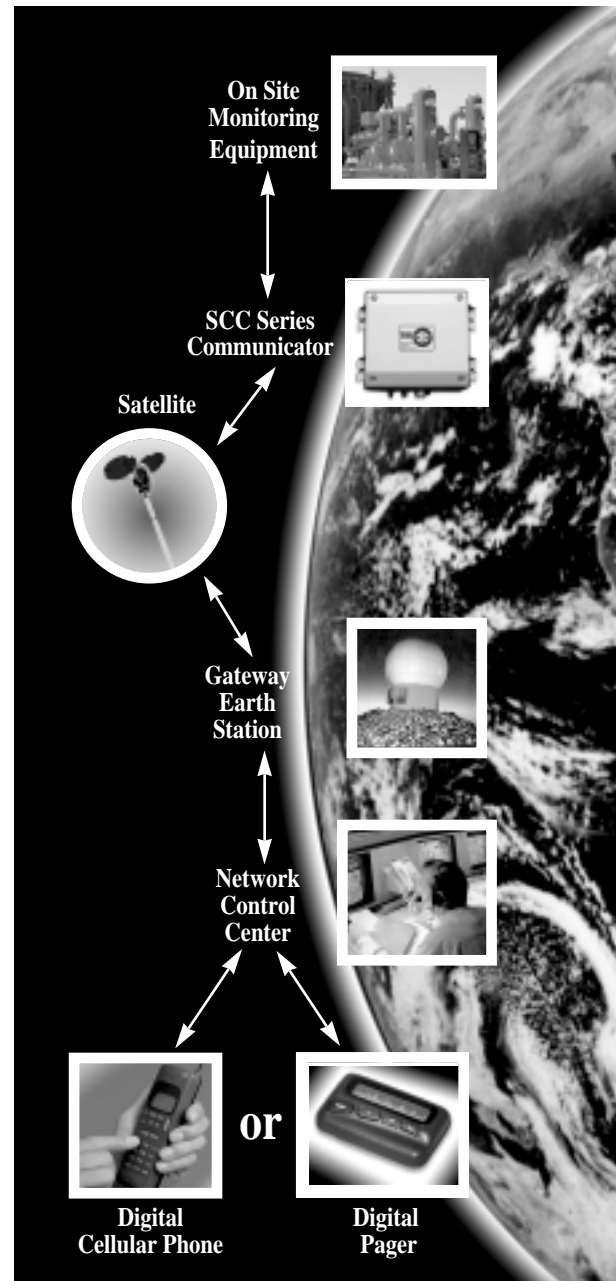
Optional Battery: 12 V, 7 AH.

How to Order

Use the diagram below:



Typical System Transmission



Warranty

A two-year limited warranty on materials and workmanship is given with this Murphy product. Details are available on request and are packed with each unit.

CALL TODAY (918) 627-3550 or VISIT
 OUR WEBSITE AT [fwmurphy.com](http://www.fwmurphy.com)

In order to consistently bring you the highest quality, full featured products, we reserve the right to change our specifications and designs at any time.

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