



Sesam 6000

For more than 50 years, Åkerströms has been developing remote control devices to meet industry's specific needs. Its Sesam 6000 series is designed to provide the safety, reliability, and ease-of-use required when using equipment in demanding industrial environments.

The Sesam 6000 series can be used for warehouse storage systems and other applications where display values are transferred from one or several transmitters. The Sesam 6000 consist of one transmitter and two receivers and is based on technology from our Remotus family.

Sesam 6099 transmitter.

The transmitter has four main functions (optional 6) and a three-digit, lighted LCD display. The transmitter can be mounted in an optional vehicle cassette which provides external power to the transmitter and illuminates the keypad. The transmitter also has a keypad lock and low battery warning.

Sesam 6000 receiver.

The receiver has 13 relay outputs and several user selectable application programs. The display data from the transmitter is outputted on the relays either in BCD or binary form. The receiver has dual processors providing increased safety. All received data is double checked before relays are activated.

Sesam 6000c receiver.

The receiver Sesam 6000c is a compact rugged unit for 12-24 V DC. It has one serial port (RS-232) for connection to an external PLC/PC and four short circuit protected solid state relay outputs for less complex applications. The serial port makes it possible to connect the unit to a host system where information from the transmitter can be processed further, such as display value, serial number and function value. The receiver has an event log and a ban list of lost transmitters.

SESAM 6000

SESAM 6099 - TRANSMITTER

- 4 main functions (optional 6)
- Three-digit, lighted LCD display
- Can be mounted in an optional vehicle cassette
- Keypad lock
- Low battery warning

SESAM 6000 - RECEIVER

- 13 relay outputs
- Selectable application programs
- The display data from the transmitter is outputted on the relays either in BCD or binary form
- Dual processors providing increased safety

SESAM 6000c - RECEIVER

- Compact rugged unit for 12-24 V DC
- One serial port (RS-232) for connection to an external PLC/PC
- Four short circuit protected solid state relay outputs for less complex applications
- the unit can be connected to a host system where information from the transmitter can be processed further
- Event log and ban list for lost transmitters



TECHNICAL FACTS

TRANSMITTER - SESAM 6099

Output power: 10 mW, TDMA
 Number of functions: 4 (optional 6)
 Supply voltage: 9 V battery or 12-24 V DC via cassette
 Size: 142 x 68 x 26 mm
 Weight: 175 g

CASSETTE

Supply voltage: 12-24 V DC

RECEIVER - SESAM 6000

Sensitivity: ≥ -107 dBm, BER 10-4
 Outputs: 13 relay outputs, double throw
 Maximum load: 4 A/250 V AC resistive load
 Supply voltage:
 115/230 V AC or 12-35 V DC
 Power consumption: 12 VA maximum
 Size: 285 x 180 x 75 mm
 Weight: 1,4 kg
 Safety class: IP 65

RECEIVER - SESAM 6000c

Sensitivity: ≥ -107 dBm, BER 10-4
 Outputs: 1 serial port (RS-232) and 4 short circuit protected solid state relay outputs
 Maximum load: 1 A 12-24 V DC
 Supply voltage: 12-24 V DC
 Power consumption:
 50 mA maximum (w/o load)
 Size: 110 x 114 x 38 mm
 Weight: 270 g

COMMON FACTS

Frequency: 30 channels selectable,
 434.050-434.775 MHz, FSK
 Operating temperature: -25°C - +55°C