



## Sesam 2000

Åkerströms has more than 50 years of experience in developing radio control for industry and its specific needs. The Sesam 2000, Åkerströms' radio-control door-opening product line provides, the safety, reliability, and ease-of-use necessary for equipment used in demanding industrial environments.

Åkerströms' Sesam 2000 door-opening system is used for remote control of doors, gates, and bars.

### Hand transmitters in four models.

The transmitters comes in four different models. The Sesam 2001 is the simplest model, which has three functions and is suitable, for example, for repair shops in which the same driver often goes through a door with different vehicles. The Sesam 2002 can remotely control of up to nine doors and can be coded for a specific area, so only transmitters and receivers, which are coded for an area, can work together. You can order the Sesam 2002 as a hand model. The Sesam 2003 model is approved for mounting in vehicles. The transmitter is put into

a special holder (cassette) and fed with voltage from the vehicle. The 2003 can manage up to 255 doors and can be coded for an area. This model also comes with a display. The Sesam 2005 has six functions and is technically identical to the 2001. The Sesam 2000 product line comes with a receiver and three relay outputs.



### TECHNICAL FACTS

#### SESAM RECEIVER:

**Sensitivity:** better than 1,5  $\mu$ V  
**Breaking power relays:** 250 VAC, 10 A resistive load  
**Voltage feed:** 220V AC or 24V AC or 12-24V DC  
**Power consumption:** 3 VA  
**Size:** 248 x 152 x 100 mm

#### CASSETTE FOR SESAM 2002 & 2003

**Voltage feed:** 12-24 V DC

#### SPECS APPLICABLE TO ALL MODELS

**Frequency area:** 27, 30, and 40 MHz  
**Type of modulation:** FM, frequency shift keying  
**Surrounding temperatures:**  
**Transmitter:** -25°C - +55°C  
**Receiver:** -30°C - +70°C



## TECHNICAL FACTS

### SESAM 2001

No. functions: 3

Transmitter output power for internal antenna:  
100 mW

Power consumption:

90 mA during transmission

Voltage feed: 9 V battery

Size: 100 x 60 x 25 mm

Weight: 160 g

### SESAM 2002

No. functions: 3

No. door codes: 9

No. area codes: 6

Output power transmitter: 100 mW

Power consumption:

100 mA during transmission

Voltage feed: 9 V or 8.4V NiMH battery,

12 – 24 V DC via cassette

Size: 142 x 68 x 26 mm

Weight: 225 g

### SESAM 2003

No. functions: 3

No. door codes: 255

No. area codes: 4

Output power transmitter: 100 mW

Power consumption:

150 mA during transmission

Voltage feed: 8.4V NiMH battery

Size: 142 x 68 x 26 mm

Weight: 225 g

### SESAM 2005

No. functions: 6

Transmitter capacity for internal antenna:  
100 mW

Power consumption:

90 mA during transmission

Voltage feed: 9 V battery

Size: 100 x 60 x 25 mm

Weight: 160 g