

Sesam 500



The Sesam 500 product line is developed to provide the safety, reliability, and ease-of-use necessary for equipment used in demanding industrial environments.

Åkerströms has more than 40 years of experience in developing radio control for industry and its specific needs. The Sesam 500, 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 500 is used for remote control of gates, bars, and doors. This flexible, trouble-free system builds on modern digital technology. Hand transmitters come in seven models. The Sesam 512 and 599 can be coded for a specific area, so only transmitters and receivers, which are coded for an area, can work together. The Sesam 512 and Sesam 599 are prepared for mounting in vehicles. The transmitter is put into a special holder (cassette) and fed with voltage from the vehicle. When cassette-mounted, these models display illuminated characters in the buttons. The receivers come as wall models, with one or three relays or as plug-in models for mounting on holders in control panels.

SPECEIFICATIONS FOR EACH MODEL

Sesam 501

No. functions: 1
No. doors: 1
Transmitter output power: 10mW
Power consumption: ca 25 mA
Voltage feed: 9 V battery
Size: 100 x 60 x 25 mm **Weight:** 125 g



Sesam 503

No. functions: 3
No. doors: 3
Transmitter output power: 10 mW
Power consumption: ca 25 mA
Voltage feed: 9 V battery
Size: 100 x 60 x 25 mm **Weight:** 125 g



Sesam 506

No. functions: 6
No. doors: 6
Power consumption: ca 25 mA
Voltage feed: 9 V battery
Size: 100 x 60 x 25 mm **Weight:** 125 g



Cassette

Voltage feed: 12-24 V DC

Specifications applicable to all Sesam 500 models

Frequency area: 433.92 MHz
Type of modulation: ASK
Surrounding temperatures: -25°C – +55°C

Sesam 512 & Sesam 512 B

No. functions in 512: 3
No. functions in 512 B: 1
No. doors: 12
No. area codes: 2187
Transmitter output power: 10 mW
Power consumption: ca 35 mA from battery, 100 mA via cassette
Voltage feed: 9 V battery or 12–24 V DC via cassette
Size: 142 x 68 x 26 mm **Weight:** 175 g



Sesam 599 & Sesam 599 B

No. functions in 599: 3
No. functions in 599 B: 1
No. doors: max 999
No. area codes: min 27
Transmitter output power: 10 mW
Power consumption: ca 35 mA from battery, 120 mA via cassette
Voltage feed: 9 V battery or 12–24 V DC via cassette
Size: 142 x 68 x 26 mm **Weight:** 175 g



Sesam receiver

No. relays: 3 or 1
Sensitivity: better than -95 dBm
Breaking power relays: max 400 V AC, 6A, 1500 W, resistive load
Voltage feed: 230 V AC or 24 V AC or 12 –24 V DC
Power consumption: 1.5 VA
Size wall receiver: 152 x 102 x 42 mm
Size plug-in 11 pin: 80 x 72 x 35 mm