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INSTALLATION

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Subject:
INSTALLATION MANUAL SESAM 6099 TRANSMITTER

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1. Intended Readers

This installation manual must be used when installing Åkerströms Sesam 6000 industrial remote control system to ensure a secure and safe operation. The installation must be carried out by a qualified electrician.

2. Introduction

This manual only covers the installation of the Sesam 6000 radio remote control system.

The Sesam 6000 does not implement a complete remote-control system: it provides only the set of outputs that are driven accordingly to the actions performed by the operator on the buttons of the transmitter.

The way the set of outputs is used for controlling the object (for instance for driving the movements and the brakes of a machine or controlling other machine assemblies) depends on the specific installation and is out of the scope of the Sesam 6000.

It has to be explicitly noted that received information from the controlled object is not processed by the Sesam 6000 receiver; it is only used for information purpose. That is the Sesam 6000 has no visibility of the controlled object.

For all the reasons exposed above, the safety of the Sesam 6000 involves mainly the states of its output relays regardless the object's assemblies that are driven by the relays themselves, provided that Sesam 6000 has to be suitable for being used as a part of a radio remote-control system; other safety aspects are related to those specific functionalities that are implemented by the Sesam 6000 itself regardless the controlled object (for instance, the handling of radio signal interruption).

The interface between the Sesam 6000 and the controlled object is intended for being implemented by means of a specific interface assembly; this assembly is not part of the Sesam 6000 system and for this reason is not considered in this installation manual.

The approvals that the Sesam 6000 system has are only valid for the Sesam 6000 system itself.

The complete remote-control system, where the controlled object is one part, has to be tested and approved according to the standards/norms that are applicable and is not a part of Åkerströms Björbo's responsibility