

**INDUSTRIAL CONTROL BOXES**  
**L.SA0 - aluminium, L.SA1 – polyester - with degree of protection IP 65**



L12A1 var. 006



L47SA0 var. 102



L12 SA1 var. 032

**Application:**

Control boxes L.SA0 and L.SA1 are determined for installation especially in industry and heavy-duty machinery without danger of explosion or in “protective” ZONE. Control box serves for switching of lighting, controlling AC or DC circuits and signalling of operating states and measuring of el. data. The control boxes can be used also for direct switching on for instance discharge tube lights. But it is necessary to consider the contact unit characteristic.

**Construction:**

Electrical equipment type L.SA0, L.SA1 are in construction similar to the explosion proof control boxes type X.SA0, X.SA1. The main different is that control boxes L.SA0, L.SA1 are equipped by cable glands and contact blocks and terminals in normal design (not explosion proof).

Boxes type L.SA0 are aluminium castings surface-finished by powder painting. Boxes type L.SA1 are made of polyester cured with glass fibres in grey colour.

Control and signal boxes are equipped by pushbuttons, switches, ammeters terminal blocks, that are fixed directly to the box cover or on the base plate. The contact blocks are equipped by two screw terminal blocks. Maximum two wires with cross diameter 0,5-2,5mm<sup>2</sup> are possible to connect onto these terminals. The contact block are N/O or NC. The control head is possible to equipped by max. 4 contact blocks. Because of long life the indication lights with 6 LED are usually used.

Placing of cable glands, terminals and selection of optimum size type of the box are made by using of software on the base of customer’s technical specification.

**Technical data:**

Degree of protection	IP 65	EN 60 529
Material of box L.SA0	aluminium casting	DIN 1725 ( AISi12 )
L.SA1	polyester cured with glass fibres	
Surface finishing L.SA0	grey ( powder )	RAL 7001
Sizes and weight		see catalogue in details