Lifts

weighing of

BC-ELA.LMS

Weighing of BC-ELA.LMS is designed for load weighing in lifts. It is a microprocessor-controlled device, which senses load values from individual sensors, pre-processes them, and sends them to the control system via the lift bus using the BSH protocol for further processing.

The product is a component of the lift control system. It consists of a control unit and two to four force sensors on a strain gauge principle.

Possible variants:

- BC-ELA.LMS.2 – two sensors
- BC-ELA.LMS.3 – three sensors
- BC-ELA.LMS.4 – four sensors

Technical parameters:

- maximum load of 4 t (with four sensors)
- power supply of 12 V or 24 V from the lift bus
- reading values from the sensors after 200 ms
- sending data to the control system when a change greater than 5 kg occurs

Weighing unit:
kg

Power supply:
+12 V

Electronic connection:
the control unit is powered from the lift bus and then the lift bus passes the data further

Number of sensors:
2 – 4 (arbitrarily)

Communication with the weighing unit:
RS485 (EasyCall address 0x90, BSH[01:90])

Maximum load:
4 t (4 sensors)

Maximum cable length to sensor:
9 m

Sensor supply fuse:
T 400 mA

Dimensions of the control unit:
160 x 110 x 77 mm

Sensor dimensions:
80 mm diameter and 40 mm height

BETACONTROL

Beta Control s.r.o.
Černého 829/58, 635 00 Brno-Bystrc
Czech Republic

Beta Control LLC
50 Davids Drive Hauppauge
NY 11788 USA

www.betacontrol.cz
www.betacontrolusa.com