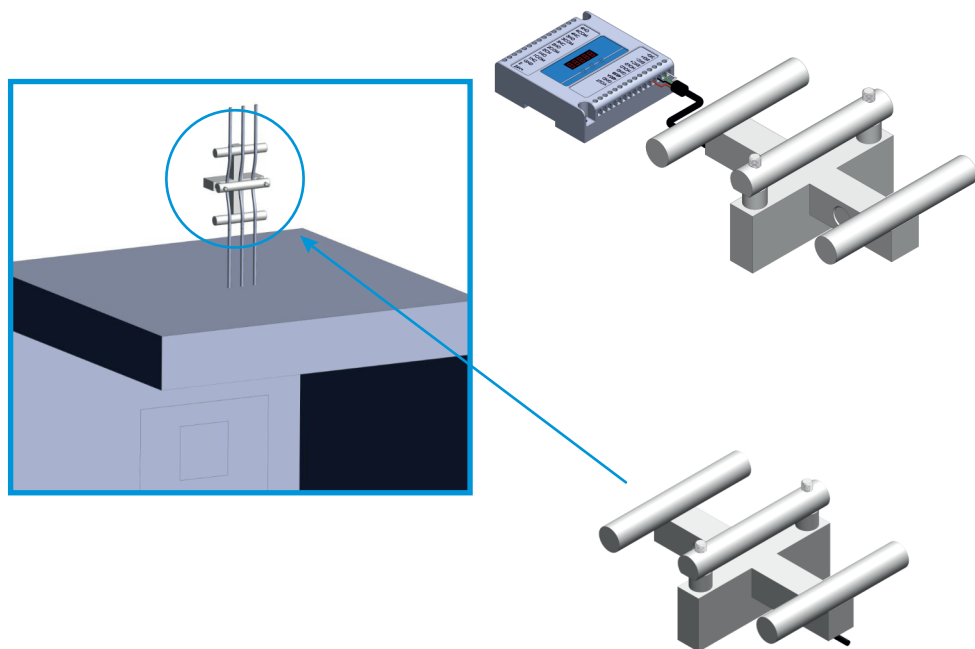


Elevator overload control system EOS-R1 (installation in ropes)



Set Contains

Quantity, pcs.	Component description
1 +	Load Cell
1	IP65 Junction Box
1	Indicator

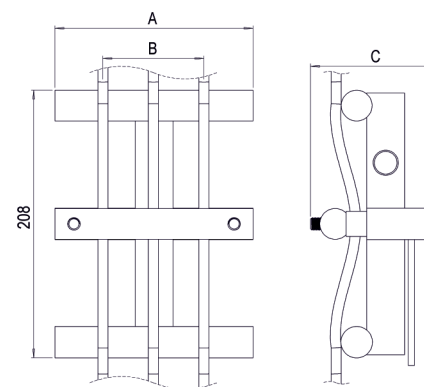
Technical characteristics

The set is designed for installation on several elevator ropes at ones. The rated loading capacity of the load cell is 3 or 4.5 tons depending on the selected model. The load cell is suitable for ropes with diameter from 6 to 23 mm. The standard model of the load cell can be installed on elevators with a center-to-center distance between the outer ropes of 114 mm (available sizes of other load cell models are given in the section with overall dimensions). To install the load cell on the required rope diameter, it is better to use a spacer of a suitable height. The load cells are supplied with a set of 6, 8, 10 and 12 mm height spacers. It is possible to manufacture kits with more than one load cell to increase the rated load capacity or for needed amount of ropes.

This kit is recommended for elevators where installation of other types of load cells is impossible or difficult, as well as for elevator modernization programs where overload control devices have not been installed before.

Capacity (per load cell)	3000kg or 4500kg
Maximum short-time overload (per load cell)	4500kg or 6750kg
Suitable rope diameter	6-23mm
Accuracy class	0,5%
Quantity of relay outputs	3
Levels of relay outputs	15 kg (presence of a passenger) 90% (move without stopping) 110% (overload)
Supply voltage	-230±20V 50±1Hz -24±4V (option)
Working temperature range	-10...+50°C
Protection class	IP20 IP67
Warranty	3 years

Overall dimensions (mm)



Model	R1 (V1)	R1 (V2)	R1 (V3)
A	157	230	306
B	114	187	264
C	103	133	133
Capacity, kg	3000	3000	4500