

INSPEK

Elevator load limiting device, with individual reading of each sensor.



More information

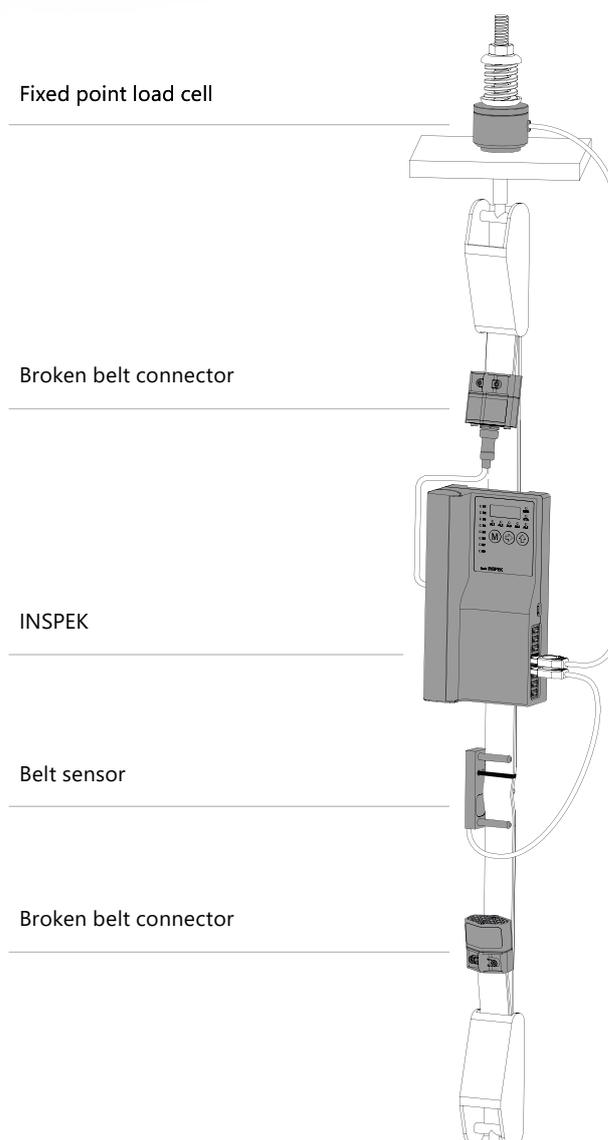


INSPEK Load limiting device.

The INSPEK systems are load limiting and tension measuring devices for belts. To enable the detection of any issues in the elevator, these devices utilize belt load cells, fixed point load cells, and belt break sensors. There are two models available based on the number of belts: INSPEK 4 designed for 4 belts and INSPEK 8 for 8 belts.

The main features include:

- Four relays and five alarms (Complete, Overload, Empty Cabin, Cable Imbalance and Cable Break).
- NG technology, with firmware update via USB.
- Sensor failure detection.
- Hardware and software chain compensation function.
- Short-circuitable power supply, no fuse required.

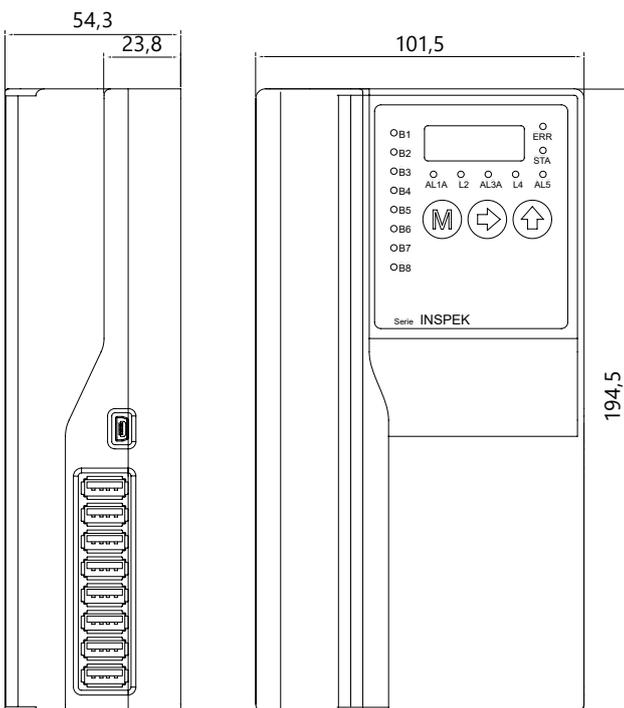




Specifications

Parameter		Units	Specifications						
Model		-	INSPEK 4			INSPEK 8			
		-	5Ra	C	Ca	5Ra	C	Ca	
Broken belt connector		-	4			8			
Sensor outputs	Input range	mV/V	± 3.1						
	Input channel	-	4			8			
Accuracy		-	0.03%						
Power supply		VDC	10 ... 40						
Maximum current consumption		mA	<200						
Temperature range	Working	°C (°F)	-10 ... +65 (+14 ... +149)						
	Storage		-20 ... +70 (-4 ... +158)						
Relay	Contact	Max. voltage	VAC/VDC	48	-	-	48	-	-
		Max. current	A	2A	-	-	2A	-	-
	Type	-	Normally open	-	-	Normally open	-	-	
	Number	-	5	-	-	5	-	-	
Alarms		-	6						
Analog outputs 0-10V / 4-20mA / 0-20mA		-	✓						
Cabin display output (MB & IDS)		-	✓						
NG technology (with USB for firmware upgrade)		-	✓						
Hold Input		VAC/VDC	24-48						
Interface	Display digits	-	5						
	Keys	-	3						
	LEDs	-	16						
Casing material		-	Fireproof V0						
Fixing		-	DIN rail						
Protection class		-	IP50						

Dimensional drawings (mm) and wiring diagram





Product Reference



Ref.	Model	Input channel
026432	INSPEK4-5Ra	4
031547	INSPEK4-C	
031548	INSPEK4-Ca	
025004	INSPEK8-5Ra	8
031549	INSPEK8-C	
031550	INSPEK8-Ca	

For more information

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