

Load limiter device for elevators



VK Load limiter device

VK Load limiter devices, with the accuracy of 0.1%, are distinguished in the market for their great versatility in adapting and resolve any potential requirement as load limiter device for elevators.

Although this device only has one input channel, it could be used in scenarios with several load cells or sensors by using Dinacell summing boxes. This limiter is applicable in any measuring system like in ropes, chassis, under cabin, under bedframe, etc.

Among the wide variety of VK unit, different firmware's included. Based on each model, different main features are included as:

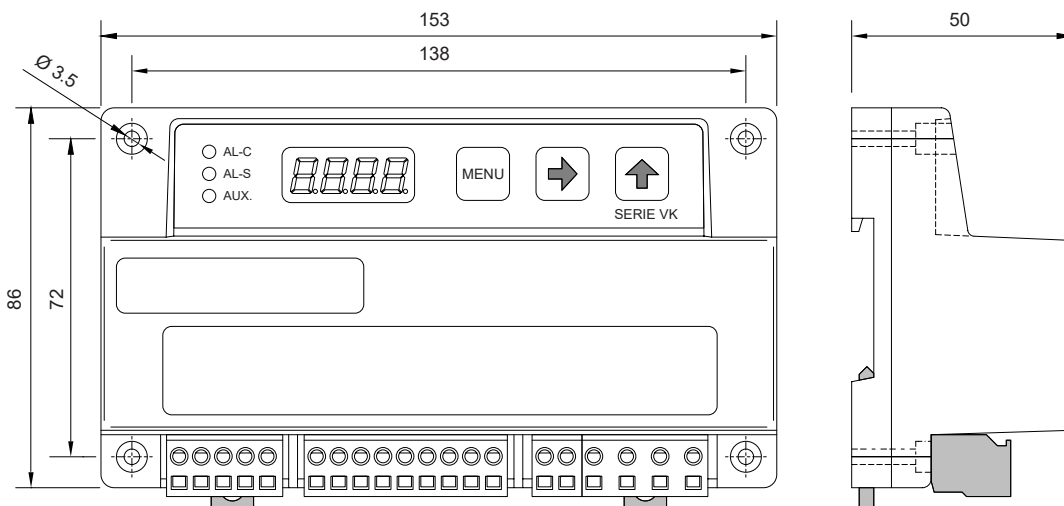
- Error detection
- Chain compensation.
- Three alarm relays.
- Inhibition input (Hold).
- Short-circuitable power supply (no fuse required).

Specifications

Parameter	Units	Specifications				
Model	-	VK-3	VK-3SV *1	VK-3V	VK-3i	VK-30C
Cell signal	Input range	± 3.2				
	Input channel	1				
Accuracy	-	0.1%				
Power supply	Alternate current	VAC	230 / 115 / 48			230
		Hz	50 ... 60			
	Direct current	VDC	-	24		-
Maximum power consumption	W	5				
Maximum number of 350 Ω cells	-	10				
Temperature range	Working	°C (°F)	-10 ... +65 (+14 ... +149)			
	Storage		-20 ... +70 (-4 ... +158)			
Relay	Max. voltage	VAC	250			
	Max. current	A	3			
	Number	-	3			
	Contact	-	Switching	Normally open		
Alarm	-	3				
Analog output	4-20 mA	-	-	-	✓	-
	0-10 V	-	-	-	✓	-
Cabin display MB output	-	✓				
Hold input	VAC/DC	24 ... 230				
Interface	Display digits	-	4			
	Keys	-	3			
	LEDs	-	3			
Box material	-	Fireproof plastic ABS				
Fixing	-	DIN rail				
Protection class	-	IP50				

1-VK-3SV device especially designed to work with SV sensors.

Dimensional drawings (mm)



Product Reference



Ref.	Model	Power supply
000688	VK-3	230 VAC
000717		115 VAC
000994	VK-3SV	230 VAC
002179		115 VAC
001069		24 VDC
001698	VK-3V	230 VAC
002076		115 VAC
007849		48 VAC
002407		24 VDC
000720	VK-3i	230 VAC
001028		115 VAC
008366		48 VAC
002285		24 VDC
006118	VK-30C	230 VAC

For more information

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