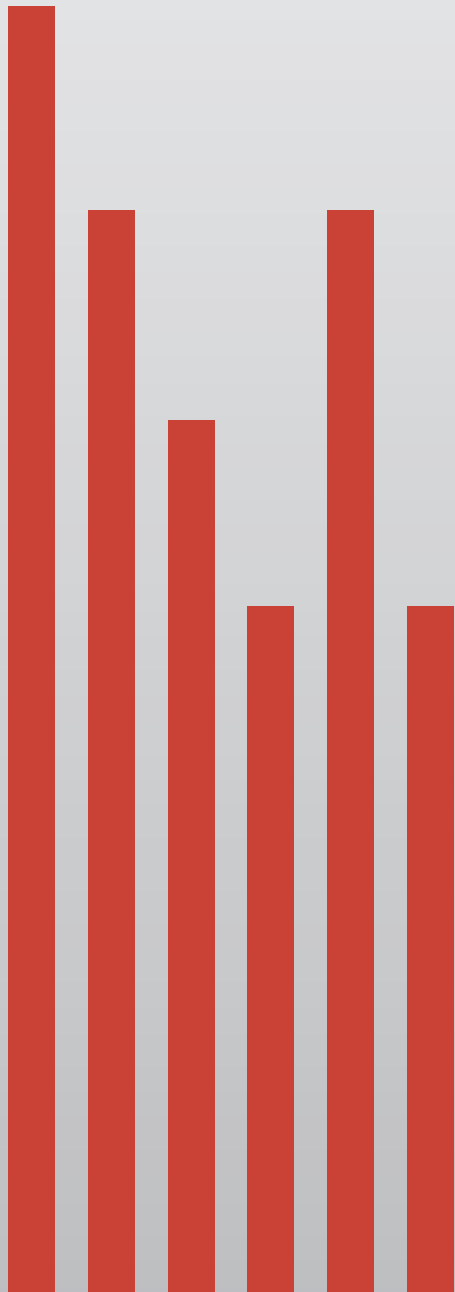
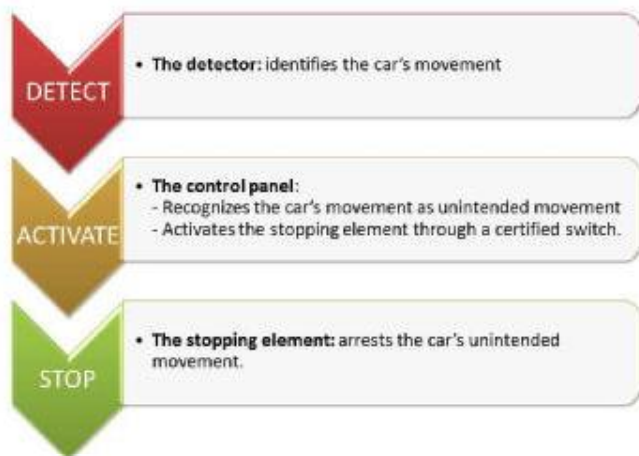




KIT PER
EMENDAMENTO A 3

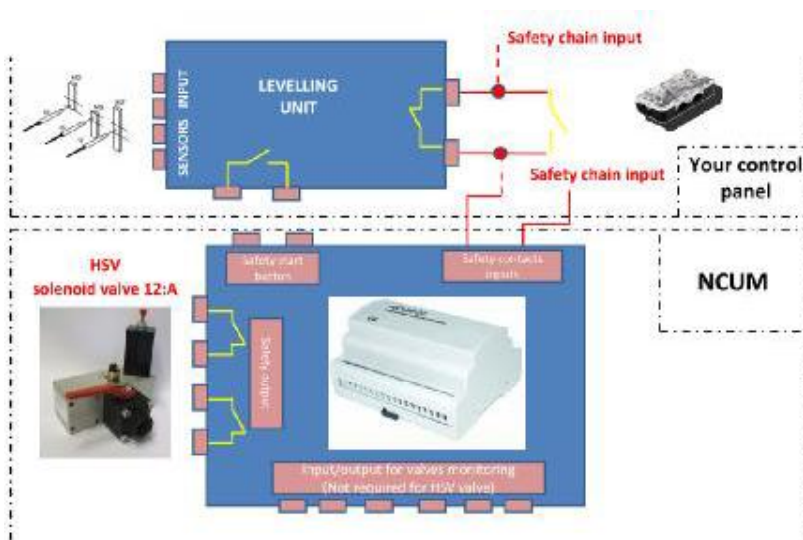


The Kit A3 is composed of the safety valve HSV and the safety unit NCUM. The NCUM is the electrical component, of the complete A3 system, that recognizes the car movement as unintended movement and activates the HSV valve stopping element. The HSV valve shuts off the flow between the jack and the control valve and stops the unintended car movement.



- Both components: HSV valve and NCUM unit are Type examined by TUV Italia S.r.l. (TUV SUD Group) and complies the EN 81-2:1998 + A3:2009
- Can be used with any EN 81-2 control valves and control panel produced by any manufacturer

The safety unit NCUM can work with input signal from the elevator safety circuit (i.e. levelling unit output and door contact in the safety chain) or with independent safety input signals. If it is used the signal from the elevator safety circuit, it is need to connect to the NCUM the output signal of the levelling unit in parallel with the safety door contact. If there is an uncontrolled movement , the NCUM opens its safety output contacts, de-energizing the solenoid valve 12:A. Consequently, the HSV valve stops the unintended car movement. The NCUM safety output will remain open until the safe operation by a competent person will bring the system in safety conditions and a manual signal to start contacts (S31-S32) will be sent



	HSV-150	HSV-440
Flow [L/min]	50-150	151-440
Static Pressure [bar]	10 - 50	
Viscosity [cSt]	25-200	
Temperature [°C]	+ 5 ÷ + 60	
Code	EN 81-2:1998 + A3:2009	

	NCUM*
Tension supply	24 VAC/ VDC – emerg 12VDC
Fixing system	Guide DIN 35mm
Safety chain tension	24V, 48V, 60V, 110V, 220V
Code	EN 81-2:1998 + A3:2009 UNI EN 12015:2005, UNI EN 12016:2005

* The KIT A3 is also available whit safety unit NCUM with integrated levelling unit