

Starter kit



Order code	Description	Qty per pkg	Wt
	[mm]	n°	[kg]
LVMKIT25	Level control starter kit complete with LVM25 240 relay and two SN1 electrodes	1	0.192

General characteristics

LVM25 240

- Use with 2 sensing electrodes, MIN and COM
- 2.5-50kOhm adjustable sensitivity
- Double insulation between supply, electrodes and output relay circuit
- Fixed probe signal delay: <1s
- Green LED indicator for power on
- Red LED indicator for output relay state
- Modular DIN 43880 housing, 2 module
- IEC degree of protection: IP40 on front (only when mounted in housing or electric board with IP40); IP20 on terminals.

SN1 SINGLE POLE ELECTRODE

A single pole electrode used for level control in wells or storage tanks. It comprises an AISI 303 stainless steel probe, a plastic (PPOX) holder and a cable gland.

A seal ring and the tightening of the cable gland prevent water from entering the cable terminal connector and causing its oxidation.

The external cable diameter must be 2.5 to 6mm/Ø0.1 to 0.24" to warrant perfect sealing of the PG7 gland.

Maximum cable section: 2.5mm²/14AWG.

Maximum operating temperature: +60°C.

Application: tanks and deep wells.

Certifications and compliance

Level control relay only:

Certifications obtained: EAC, UL Listed, for USA and Canada (cULus-File E93601), as Auxiliary Devices - Level control relays.

Compliant with standards: IEC/EN 60255-5, IEC/EN 61000-6-2, IEC/EN 61000-6-4, UL508, CSA C22.2 n° 14.

Plug-in single-voltage relay



31 LV1E...

Order code	Auxiliary supply voltage	Type of output contact	Qty per pkg	Wt
	[V] 50/60Hz	1°	n°	[kg]
Automatic reset.				
31 LV1E 24	24VAC	1 C/O (SPDT)	1	0.263
31 LV1E 110	110-120VAC	1 C/O (SPDT)	1	0.263
31 LV1E 230	220-240VAC	1 C/O (SPDT)	1	0.263
31 LV1E 400	380-415VAC	1 C/O (SPDT)	1	0.263

Operational characteristics

- Used with 3 sensing electrodes, MIN, MAX and COM
- 7-8kOhm fixed sensitivity
- Red LED indicator for output relay state
- Maximum relay-electrode cable length: 500m/547yd using single-core double insulated cables
- 8-pin plug-in housing
- Mounting on 35mm (IEC/EN 60715) DIN rail using 31 S8 socket; see page 19-7
- Flush mounting with mount frame 31 G216 and loose 31 L48 P8 socket; see page 19-7
- IEC degree of protection: IP30.

Reference standards

Compliant with standards: IEC/EN 60255-5.

Electrodes and electrode holders

Use electrodes or electrode holders type: SN1/PS31/PS3S/SCM/CGL or similar. See page 19-5.

Plug-in dual-voltage relay



31 LV2E...

Order code	Auxiliary supply voltage	Type of output contact	Qty per pkg	Wt
	[V] 50/60Hz	1°	n°	[kg]
Automatic reset.				
31 LV2E 48	24-48VAC	1 C/O (SPDT)	1	0.266
31 LV2E 220	110-120VAC/ 220-240VAC	1 C/O (SPDT)	1	0.266
31 LV2E 400	220-240/ 380-415VAC	1 C/O (SPDT)	1	0.266

Operational characteristics

- Used with 3 sensing electrodes, MIN, MAX and COM
- 7-8kOhm fixed sensitivity
- Red LED indicator for output relay state
- Maximum relay-electrode cable length: 500m/547yd using single-core double insulated cables
- 11-pin plug-in housing
- Mounting on 35mm (IEC/EN 60715) DIN rail using 31 S11 socket; see page 19-7
- Flush mounting using mount frame 31 G216 and loose 31 L48 P11 socket; see page 19-7
- IEC degree of protection: IP30.

Reference standards

Compliant with standards: IEC/EN 60255-5.

Electrodes and electrode holders

Use electrodes or electrode holders type: SN1/PS31/PS3S/SCM/CGL or similar. See page 19-7.