



**LVM series - Level control relays**

- Level monitoring for conductive liquids
- Modular DIN rail mounting (*aligns with standard MCB's*)
- Double insulation between supply, electrodes and output relay

type	description	supply voltage	width in 18 mm
------	-------------	----------------	----------------

**LVM series - Level control relays** *three detecting probes (Min, Max and Com)*

**LVM20** *single voltage level control relay*

- Emptying function (*automatic reset*)
- Adjustable sensitivity (*2.5 - 50kΩ*)
- Relay outputs: 1 x changeover (SPDT)

<b>LVM20A240</b>	liquid level control relay for "emptying" function	220 - 240 VAC	2
<b>LVM20A415</b>	liquid level control relay for "emptying" function	380 - 415 VAC	2

**LVM25** *multi-voltage supply 24-240VAC/DC*

- Slimline one module (*18 mm*) wide
- Relay outputs: 1 x changeover (SPDT)
- Adjustments – sensitivity (**2.5 - 100kΩ**)
- Selectable – "emptying" (or) "filling" function (*with fail safe operation*)

<b>LVM25240</b>	multi-voltage liquid level control relay	24 - 240 VAC/DC	1
-----------------	--	-----------------	---

**LVM30** *dual-voltage supply level control relay*

- Relay outputs: 2 x changeover (SPDT)
- Adjustments – probe signal delay 1-10sec / pump start delay 0-300sec
- Selectable – "emptying" (or) "filling" function (*with fail safe operation*)

<b>LVM30A240</b>	dual-voltage liquid level control relay	24/220-240 VAC	3
<b>LVM30A415</b>	dual-voltage liquid level control relay	110-127/380-415 VAC	3

**LVM40** *five detecting probes (Min1, Max1, Min2, Max2 and Com)*

- Adjustments – sensitivity (2.5 - 200kΩ) (*sep adj for Max electrodes for foam detection*)
- probe signal delay 1-10s / - pump start delay 0-30min
- Relay outputs: 1 x changeover (SPDT) 1 x NO (SPDT)
- Selectable 5 different functions:
  - (A) standard emptying function and alarms
  - (B) standard filling function and alarms
  - (C) emptying function with priority start-up change control
  - (D) filling function with priority start-up change control
  - (E) well draining and tank filling and alarms

<b>LVM40A240</b>	5 probe multi-function liquid level control relay	220 - 240 VAC	3
<b>LVM40A415</b>	5 probe multi-function liquid level control relay	380 - 415 VAC	3

**Level electrodes and holders for conductive liquids**

<b>SN1</b>	1-pole insulated electrode ( <i>AISI 303 stainless steel</i> ) for LVM relays	
<b>PS3S</b>	electrode holder for 3 rod probes/electrodes	(1 meter length)
<b>P1000S</b>	electrodes for above PS3S holder	(for extending probe length)
<b>FS03-3P</b>	electrode spacer disc	(for extending probe length)
<b>PXL</b>	electrode extension locknut	(for extending probe length)

**Pump start-up priority change relay**

To balance operation times, hence wear of two pumps, compressors, generators when two units (*primary and standby*) are installed.

- Outputs: 2 x NO (SPST)
- Multi-voltage: 24/48 VDC / 24-240 VAC

<b>LVMP05</b>	pump priority change relay	24 - 48 VDC / 24 - 240 VAC	1
<b>LVMP10A240</b>	pump priority change relay with 4 I/O	220 - 240 VAC	3