



LV1



LP3



SN1



PS3S

The **Electro 11 pin** plug-in range of control and timing devices are to be installed into a standard 11 pin base making installation easy and convenient.

- Compact DIN rail mounting:

type	supply voltage*	time range	function	description
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**Level controllers** *(failsafe control and monitoring of high and / or low levels)*

Level control unit of conductive liquids which can be configured for FILLING or EMPTYING. The unit can be used as a two probe system for alarm purposes or a three probe system to control HIGH and LOW levels of a reservoir. Up to four LV1 can be utilized in the same reservoir by connecting all commons (*pin7*). The sensitivity of the unit can also be adjusted.

- Emptying/ filling

LV1024A	024 VAC	–	level control	liquid conductive controller
LV1110A	110 VAC	–	level control	liquid conductive controller
LV1230A	230 VAC	–	level control	liquid conductive controller
LV1400A	400 VAC	–	level control	liquid conductive controller
LV1525A	525 VAC	–	level control	liquid conductive controller
LV1024D	024 VDC	–	level control	liquid conductive controller
LVC1230A	230 VAC	–	level control	DC capacitive probe controller

**Pump sequence relay**

Alternating relays are designed to minimize pump and motor wear by equalizing run time between parallel components in a multi-pump system. These relays are controlled by an external control switch.

- Three normally open pump outputs
- Permanent memory for next pump activated after power off
- Three normally open pressure switch inputs (*voltage free*)

PSR1230A	230 VAC	3 circuits	relay	pump sequencing relay
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**Pump protection relay**

Pump protection relay capable of protecting a submersible pump against all major power line faults.

- Over / Under Current protection
- Running dry restart delay / Over current retries
- Over / Under Voltage protection with phase rotation on 3 phase units

**Function:** Voltage monitoring  
Current monitoring  
Security switch trip  
Star / Delta connection

type	supply voltage*	recovery time	function	phase	description
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LP1230A	230 VAC	6 hours	relay	single	pump protection relay
LP2230A	230 VAC	1-2-4-8 hrs	relay	single	pump protection relay
LP3400A	400 VAC	1-2-4-8 hrs	relay	three	pump protection relay

**Accessories**

SN1	single line insulated stainless steel probe for conductive liquids
PS3S	3 electrode holder ( <i>mounts through 50.5 mm hole</i> )
P1000S	electrodes for PS3S holder ( <i>1 meter length</i> )
FS03-3P	electrode spacer disc ( <i>for extended probe length</i> )
PXL	extension locknut ( <i>each</i> )

\* Other voltage options available on request.