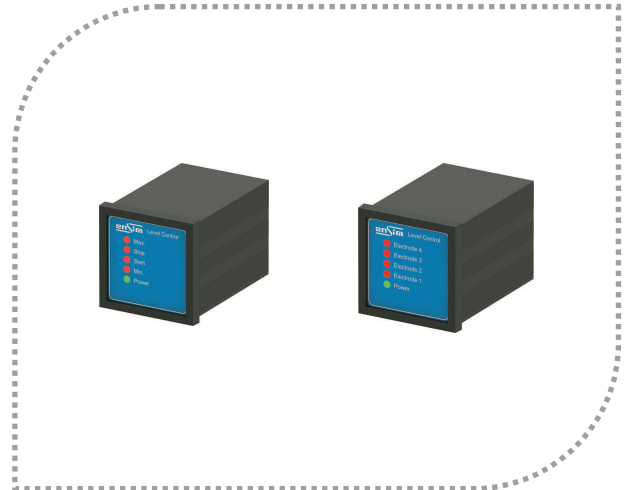


Working Principle :

SK-P Level control device is used together with level sensors.
When magnetic field of magnet within the buoy moving along tube according to liquid level comes up to the reed sensor, it opens or closes the electric circuit. Such changes and alarm or level information of reed sensors can be evaluated with SK-P control device.

Automatic control has been provided by sending signal to solenoid valve bobbin or contactor of engine through relay output. Furthermore, it is possible to receive signal or warning with light through a relay for the purpose of alarm. This circuit can be controlled through an additional button manually



SK LEVEL CONTROL DEVICE

SK-Pi (Conductivity Type Pump Control)

SK-Ps (Switch Type Pump Control)

SK-R (4 Independent Relay)

Advantages:

- * Output of the memory storage capability.
- * Micro-Processor based.



Technical Specifications :

Supply	220 VAC (50 Hz)
Power consumption	Max 2.8 VAC
Input	Contact or electrode information from levelconditions
Output	4 pc. 5 Amp. Independent Relay SK-R 2 pc. 5 Amp. Start-Stop Relay + - 2 pc. 5 Amp. Min. Max. Relay SK-Pi SK-Ps Date memory for outputs. Protected against power cut or arrive, continues to work from stapped point.
Working Temp.	0 - 50 °C
Storage Temp.	(-)20 °C ... (+)70 °C
Dimension	72 x 72 mm

Sensor models that can be used:

SK-R

ELC , ECAS , ELSy , ELY
ELS , ELM , ELP , ELB , ECAM
ELF , ELZ
ELG-K1 , ELG-K2 , ELG-K3

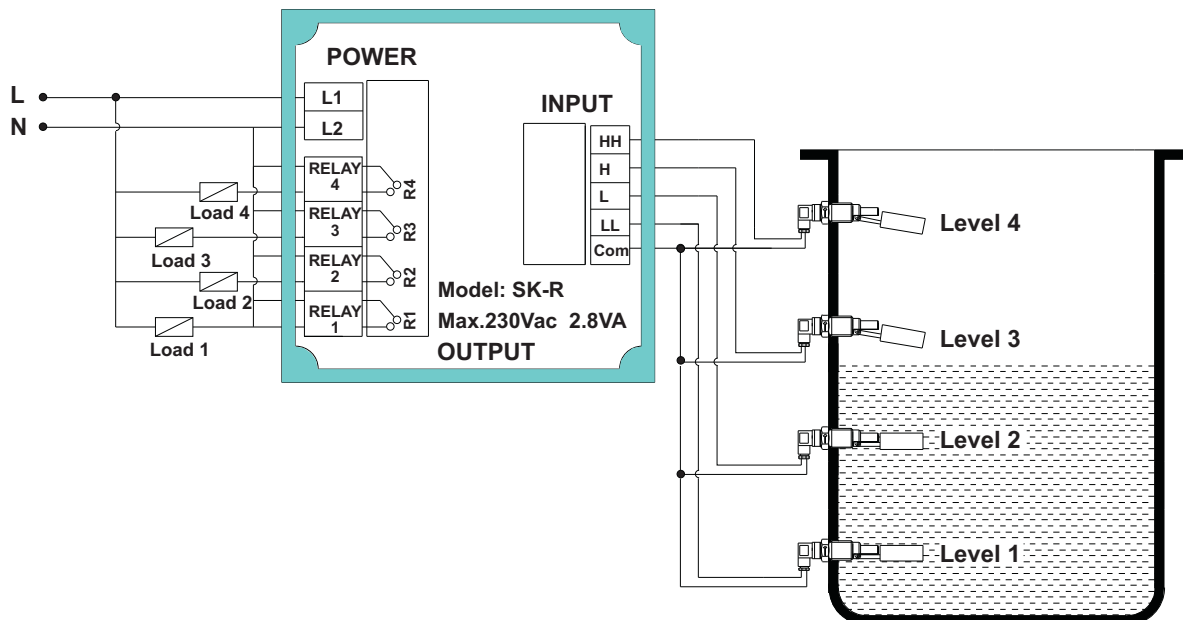
SK-Pi

ELC

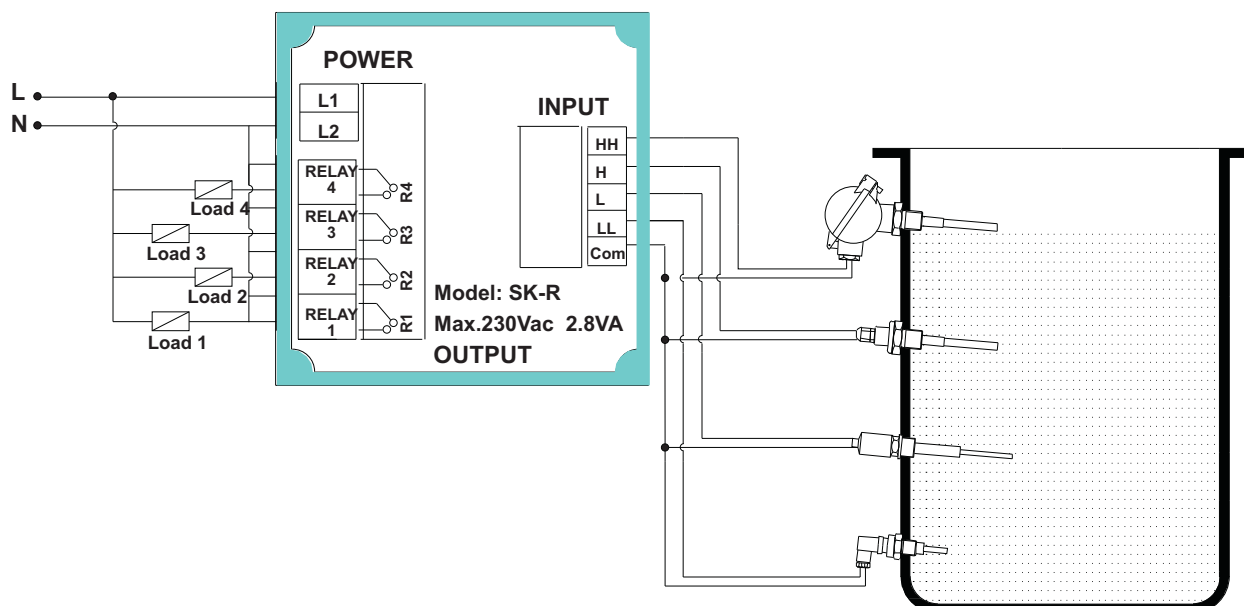
SK-Ps

ECAS , ELSy , ELY
ELS , ELM , ELP , ELB , ECAM
ELF , ELZ
ELG-K1 , ELG-K2 , ELG-K3

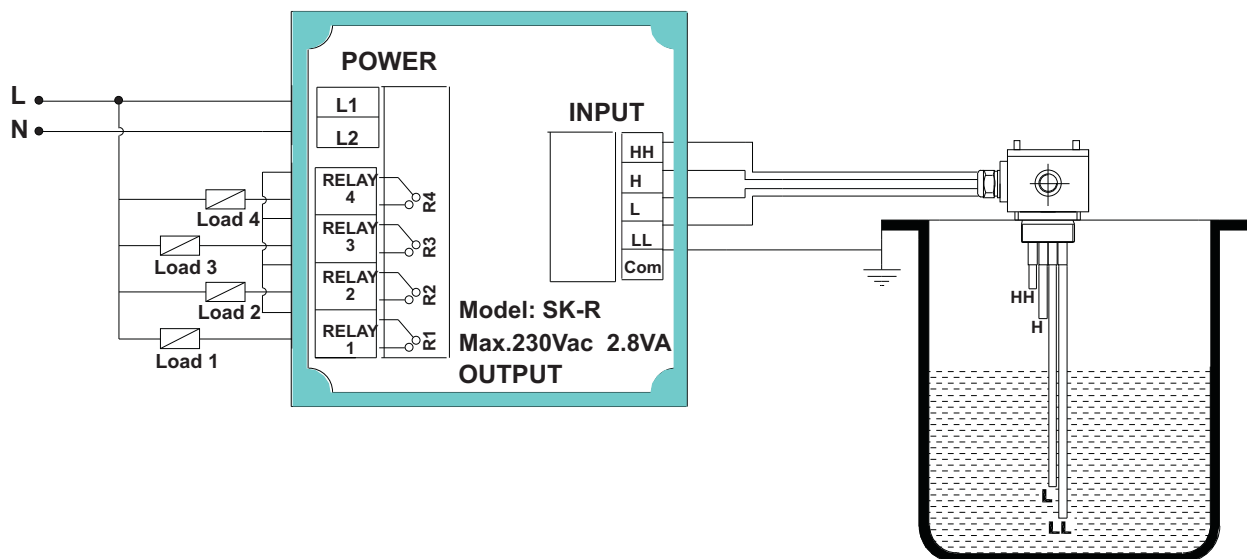
To receive relay output from level switches (SK-R)



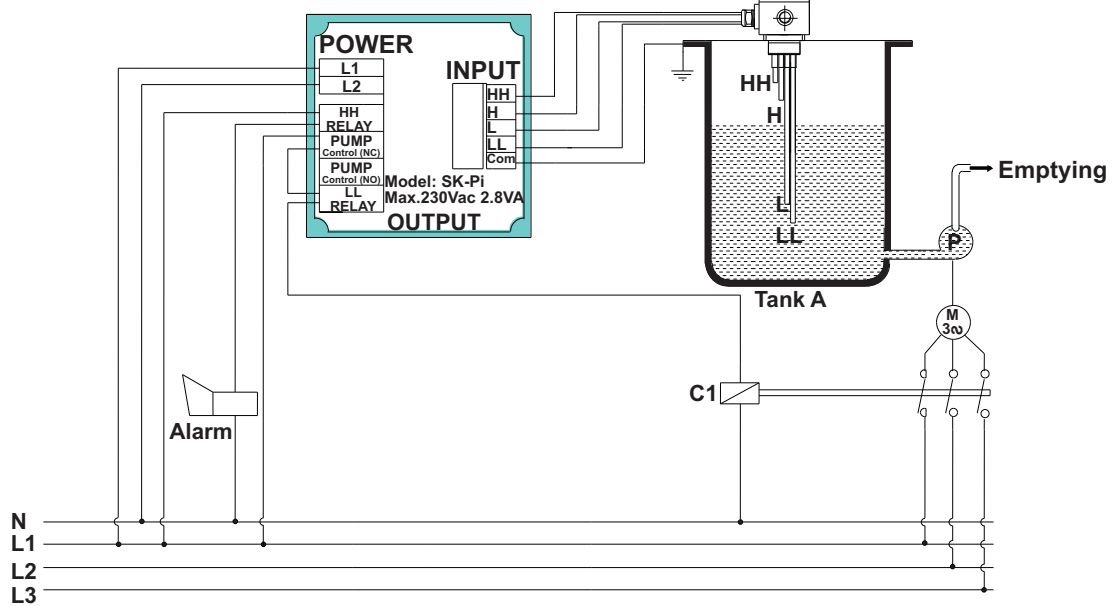
To receive relay output from conductivity probes (SK-R)



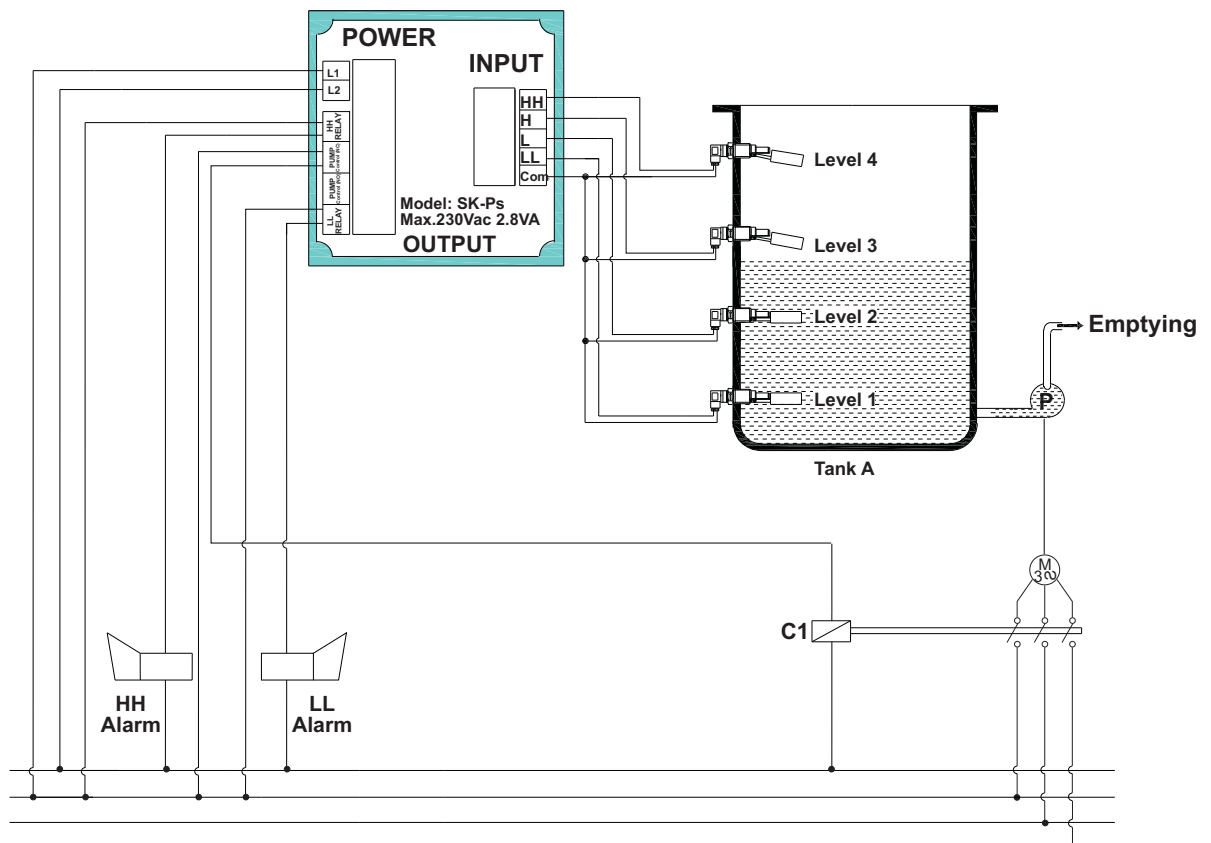
To receive relay output from conductivity probes (SK-R)



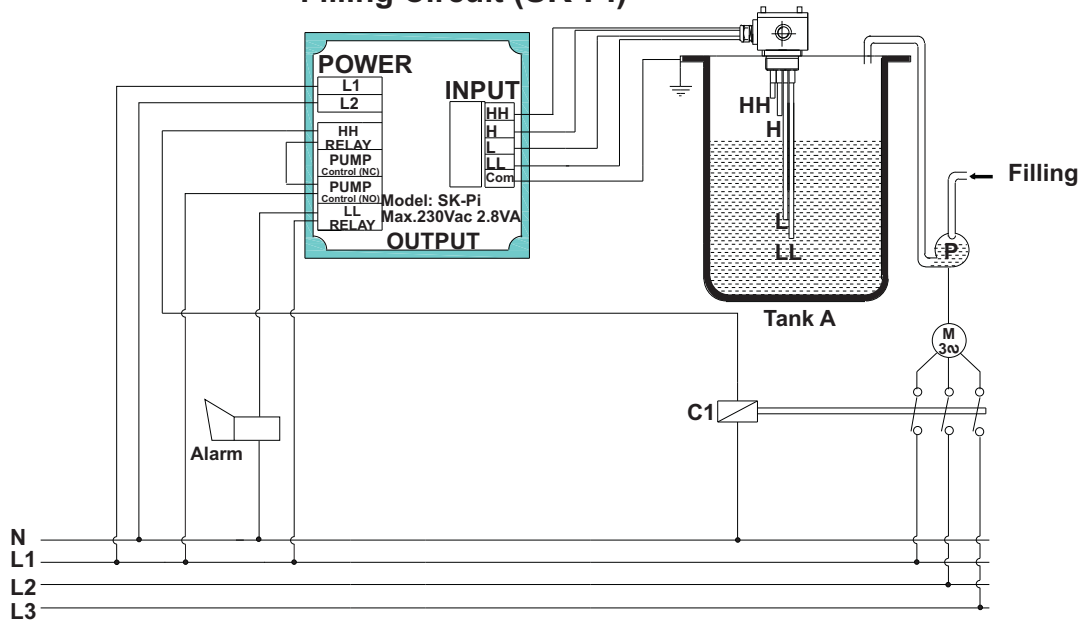
Emptying Circuit (SK-Pi)



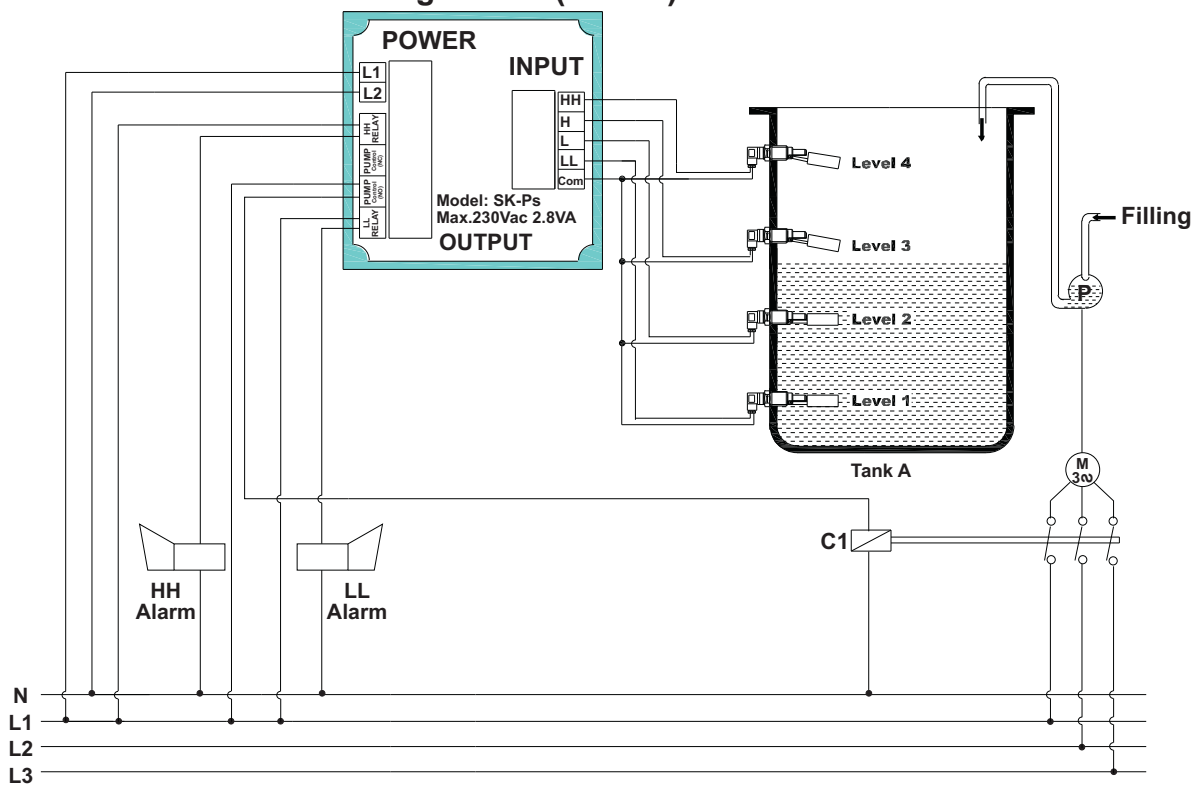
Emptying Circuit (SK-Ps)



Filling Circuit (SK-Pi)



Filling Circuit (SK-Ps)



Order Form : **Please consider sample models when coding!..**

1 MODEL SK

Conductivity Type Pump Control.....SK-Pi
Switch Type Pump Control.....SK-PS
4 Independent Relay.....SK-R

2 CERTIFICATE

None.....0 (EN10204-3-1) Material Certification.....1

3 INPUT

4 Independent Conductivity Electrodes.....1
4 Reed Relay.....2
4 Reed Relay or Conductivity Electrode.....3

4 HOUSING

72x72x104 mm, ABS Material Black Color.....256

5 WORKING MODE

Emptying Circuit 1
Filling Circuit 2
Relay 4 pcs. 3

6 OUTPUT

4 x 5A / 230 VAC Relay.....1 2 x 5A / 230 VAC Start / Stop Relay :
2 x 5A / 230 VAC Min. Max. Relay :.....2

7 OPTIONAL

None...../ 0

EXAMPLE

SK-Pi - 0 - 2 - 256 - 1 / 0
Conductivity Type Pump Controller SK-Pi Emptying Function