

S2LC

with Motorscope Protection

Installation (Calibration)

Features

**Waste Water
Slurry Pumps
Sewage Pumps**

Level Controlling Features:

- ◆ Filling or Emptying
- ◆ Float Switches or Probes
- ◆ Manual or Auto

The motor protection includes:

- ◆ Overload
- ◆ Dry Run
- ◆ Phase Failure
- ◆ Motor Temperature
- ◆ Phase Sequence
- ◆ High Voltage
- ◆ Low Voltage
- ◆ Seal Check

The trip data is logged for further investigation if a pump failure may occur. Additionally, there is also an Alarm System in case there is an Error in the sump level or with a pump, which can be connected to a GSM or ALARM as early warning, should a problem occur.



Reg. No. CK90/227/2023

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Technical Specifications

MOTOR VOLTAGE

THREE PHASE: L1-L2-L3 =415V
SINGLE PHASE: L1-L2-L3 = 230V

CT RESISTOR VALUES

Current Range	Resistor over CT	CT Ratio
1-12 Amp	32Ω	1
1-24 Amp	16Ω	2
12-48 Amp	8Ω	4
24-96 Amp	4Ω	8
48-160 Amp	2Ω	16

Power Range

1-37KW (415V)

Frequency Range

40-70Hz

Consumption

14VA

Relay Output

Top Board: 16A (400V)
Bottom Board: 8A (230V)

Cos Phi Range

0-1 Inductive

Temperature Range

-15°C to 70°C

Mechanical Weight

2kg

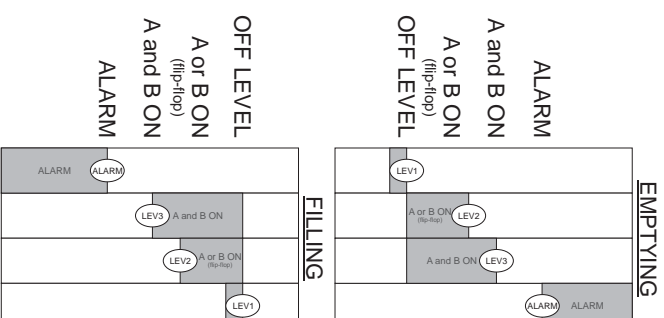
Dimensions

248x162x126 (mm)

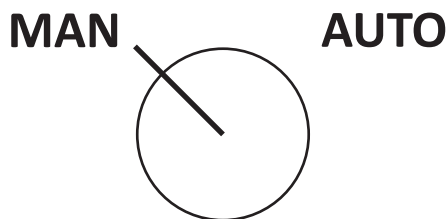
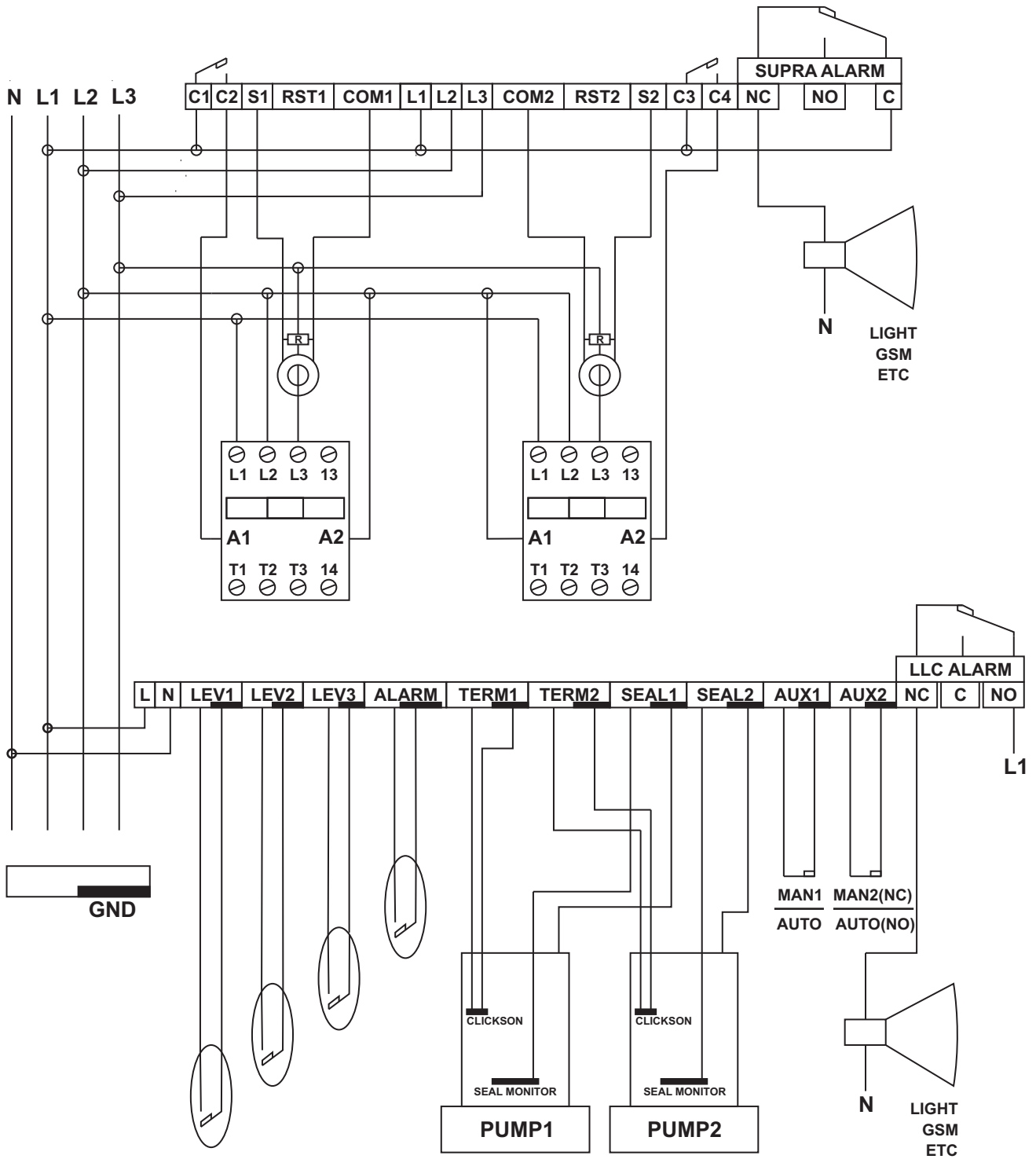
Max. Cable Length of Float Switches

300m

Emptying & Filling Function



S2LC Wiring Diagram



MAN = AUTO 1 & 2 OFF