



## HV1 High Voltage Switch Kit

**This kit is available for the Smart Farm intelligent irrigation system, providing electric pump on / off control and protection and added safety for your equipment.**

### **Added protection for your electric pumps**

The HV1 is an electric pump high voltage switch that provides high isolation between low voltage control signals and high voltage circuits and is ETL listed. It contains built-in MOVs (Metal Oxide Varistor) which ensures the highest level of safety, protection and reliability. The HV1 is mounted on the outside of the load center so that no low voltage wires enter the panel.

### **Extends equipment life**

Three 480V low current fuse blocks and a 3 phase motor saver are also included in the kit to provide added protection the pump and contactor. The Smart Farm implementation for electric pump control will extend equipment life and insure reliable, fail-safe recovery during AC power interruptions to the pump. Please note that installing electric pump controllers require trained, certified electricians to do the work in order to insure safety for all.

*Trained, certified electrician is required for installation.*

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**HV1 High Voltage Sensor Kit**

PN: HV1



## HV1 KEY FEATURES

- ◆ Optically coupled switch provides 2500 Vrms of input to output isolation
- ◆ Built in MOVs for protection
- ◆ Fully Potted Assembly
- ◆ ETL Listed Component

## 3 PHASE MOTOR SAVER KEY FEATURES

Functional protection for:

- ◆ Loss of any phase under voltage
- ◆ Voltage unbalance
- ◆ Phase reversed

## SPECIFICATIONS

Input: 3.3V D.C.

Output: 480V A.C

2500 Vrms input / output isolation

1.86 arms load current

## SPECIFICATIONS

Volts AC Range: 380 - 480VA

Relay - SPDT, 480VAC

Time delay 2-300 second restart



*The HV1 High Voltage Switch Kit provides added protection and safety for your equipment.*

[www.smartfarm.ag](http://www.smartfarm.ag)

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