

## Switchgears ZP Speedcontrol motor

**Controller for vertical pumps** 

### Features:

- With ART-System (Automatic-Reset Test) With dry-running, the system stops automatically and re-starts automatically in periodic cycles
- Automatic recovery of system settings after a power failure
- Protection from wrong connection and overcurrent.
- Protection from short-circuit.
- Control panel with LCD-display
- Installation on pump motor (adapter required).
- Floating contact for alarm transfer
- Internal voltage sensor with real-time indication on display
- Operating data recording: Operating hours, re-starts and number of mains cut-offs.
- Alarm memory Type and number of alarms
- Frequency range: 15 48 Hz
- Differential pressure: 0.2 1.5 bar
- Control pressure: 0,5 10 bar or 0,5 16 bar (depending on built-in pressure sensor Standard 0,5 10 bar)

### **Application:**

- Frequency-controlled control units for vertical pumps
- Control unit for single pump or double pump combined in master-slave mode.

#### Scope of delivery:

• Including external pressure sensor installed in the pressure line.

### **Technical data:**



#### **Product benefits:**

- Dry-run protection
- Alarm recording
- Auto-reset function
- Intelligent cooling control

| Art.no. | U   | L    | W    | H    | Weight |
|---------|-----|------|------|------|--------|
|         | [V] | [mm] | [mm] | [mm] | [kg]   |
| 20647   | 400 | 167  | 118  | 257  | 3,5    |



# Switchgears ZP Speedcontrol motor

Controller for vertical pumps

#### **Dimensions:**





