

# Electronic Expansion Valve Driver

## VSD2010 Series



### Features

- Unipolar EEV motor driver, suitable for SANHUA DPF / LPF series
- 0~10VDC or 4~20mA analog signal input, Control EEV opening
- Model with backup battery available
- Small size, slide design, easy to install

### General specifications

- Suitable 1-2 phase unipolar type EEV, E.g DPF & LPF series.
- Operating temperature: -30 ~ +55°C
- Storage temperature: -30 ~ +55°C
- Relative humidity: ≤90%RH
- Dimension: 102(W)mm×100(H)mm×44(D)mm (with terminal)
- Protection level: IP20
- Certification: CE Declaration according to EMC

**Electrical parameters**

Power supply:

VSD2010	24Vac( 20~28Vac) 50/60Hz 25VA	or 24Vdc ( 20~28Vdc)	12W, class 2
VSD2010P	24Vac( 20~28Vac) 50/60Hz 35VA	or 24Vdc ( 20~28Vdc)	15W, class 2

Inputs: 4~20mA or 0~10VDC analog signal

Output: 5 wires EEV output

Self-holding mechanism: Maintain excitation in stop position min. 0.1s

Drive speed: 30pps (normal operation) / 90pps (during backup battery close valve)

**Model List**

Model	Part Number	Detail
VSD2010	10685001002	Standard model
VSD2010P	10685000902	Model with battery backup inside

**Dimensions (in mm)**

