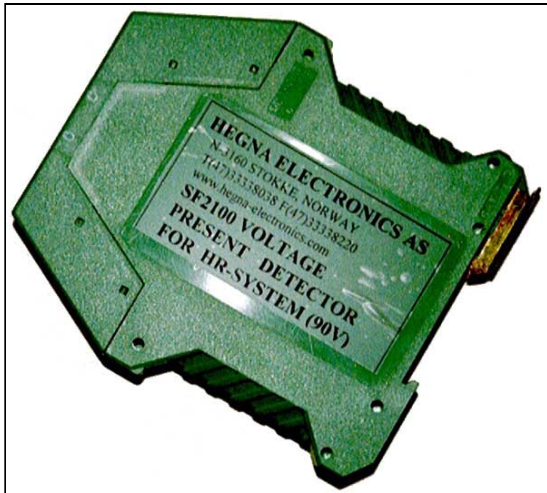


Sheet no. 1. Rev. 01 03. Manufacturer : Hegna Electronics AS

SF2100/1 PHASE VOLTAGE PRESENT SENSOR SYSTEM & SP2000 POWER SUPPLY.

SF2100 Phase Voltage Present Sensor System was developed for detection of primary line voltage present or absent from the capacitive voltage dividing system (HR_system 90V) (5kV to 24kV).



FUNCTIONS/ TECHNICAL DATA

- SF2100/1 detects voltage from the capacitive coupled voltage detecting system (HR-system) in accordance with IEC 61243-5
- SF2100/1 have adjustable set points for detection of voltage present / not present
- Input impedance > 175M Ω
- Output: volt free NO/NC contact. Max. 230VAC 10A.
- Designed to withstand net transients. Type tested with 2000VAC in 1 min.
- Compact unit for easy installation
- Housing: 99x22,5x112mm(hxwxd)
- Protection: IP20
- Mounting: DIN rail
- Environment: -5 / +55°C Max. 90% noncondensing

POWER SUPPLY

- See data sheet for SP2000. Special designed power supply with high isolation level for prevents upstream equipment from electrical transients.

APPLICATION

- Use SF2100/1 to prevent incorrect operation, i.e. interlock of breaker, earth switch, etc.
- SF2100 system can be parallel connected with i.e. a visual indicator.