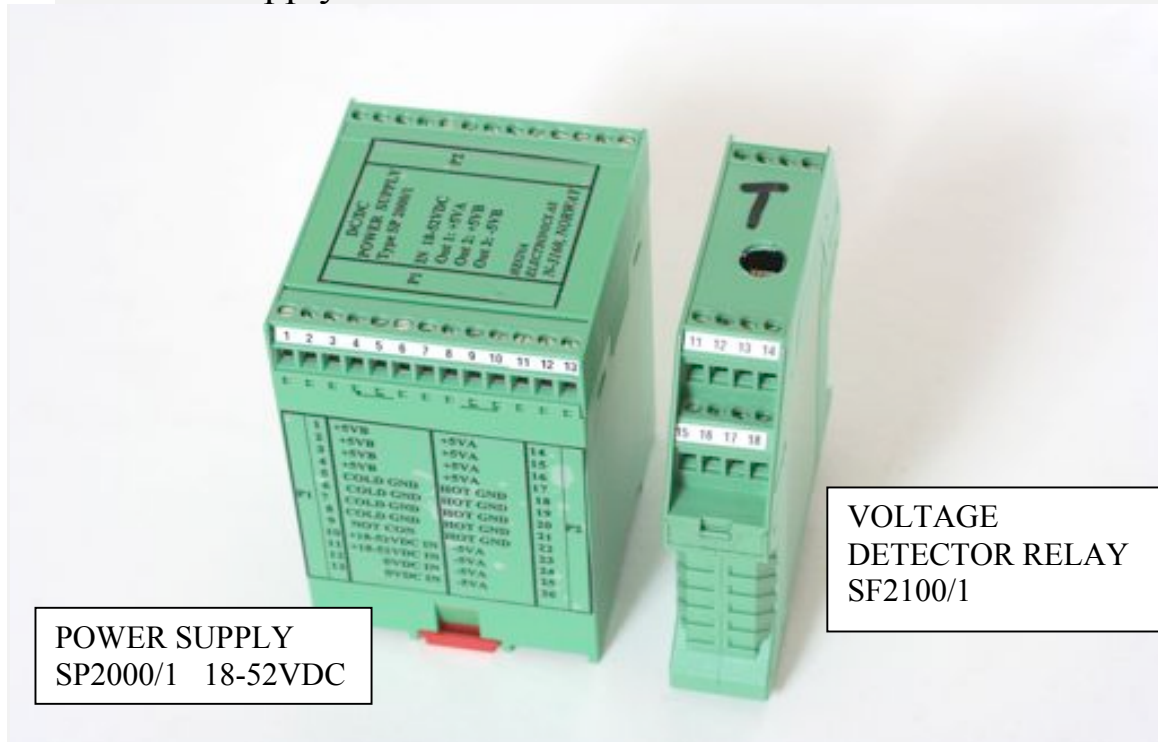


## SYSTEM 2000

### CONSIST OF THE FOLLOWING PRODUCTS

- Voltage present detection relay SF2100/1
- Power supply SP2100 / 18-52VDC.



POWER SUPPLY  
SP2000/1 18-52VDC

VOLTAGE  
DETECTOR RELAY  
SF2100/1

#### SF2100/1 Designed according to IEC 61243-5.

- SF 2100/1 detects voltage present / voltage absent from a capacitive coupled signal according to HR-system (90V)
- Output signal – Volt free contact 6A 230VAC.
- Output relay is energized when voltage present is detected.
- Designed for indoor use. IP20
- Adjustable set point 15% to 85%. ( 13,5V to 76,5V)
- Can be used in all capacitive coupled voltage detection system with access to signal.
- Designed to withstand voltage transients.
- Type tested with 2000VAC for 1 min.
- No internal battery that needs to be changed.
- External power source: 10-52VDC.
- Power consumption each SF2000/1: 7mA.
- Each SP2100 Power Supply can supply up to 3 of SF2100/1 voltage present relay.
- High input impedance >175MΩ.

Tel.: 00 47 911 76 949. Fax.: 00 47 3333 8220 Tel.: 00 47 3333 8038

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RØRKOLLVN. 60, N-3160 STOKKE, NORWAY

Rev.121010

2/2

## Cont.

- Frequency 50 – 60HZ.
- Temperature range:  $-15^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .
- Component housing dimension: 99x22,5x112mm(hxwxd)
- Mounting: DIN rail.
- Connection: Screw terminals.
- Auxiliary voltage from power supply SP2000/1

## SPECIAL FACILITIES.

- Can be functionally tested by using adjustable voltage source 0- 110VAC.
- Use SF2100/1 to prevent wrong operation i.e. interlocks, change over, etc.

## POWER SUPPLY SP2000/1 18-52VDC

### SP2000/1 Special design power supply for SF2100/1.

- SP 2000/1 supply power to 3 of SF2100/1.
- Input voltage 18 to 52VDC.
- Designed to with stand voltage transients.
- Degree of protection: IP20
- Temperature range:  $-15^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .
- Component housing dimension: 75x68,5x110mm(hxwxd)
- Mounting: DIN rail.
- Connection: Screw terminals.

## SPECIAL FACILITIES.

- 4 kV galvanic insulation against external DC source to prevent upstream power source.

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