

# CF Out2

CF Out2, Transducer Hz

Code: M25532.

- > Output type: 2
- > Analog output: 4...20mA
- > Measure: 45 ... 55 Hz (10 ... 660 Vac)

## Specifications

### AC power supply, insulation

|                   |                     |
|-------------------|---------------------|
| Pulse test (kV)   | 4 kV (1,2/50µs)     |
| Test voltage (kV) | 3 kV RMS 50 Hz 1min |

### AC power supply

|                 |                                  |
|-----------------|----------------------------------|
| Consumption     | 2,5 VA                           |
| Frequency       | 40...90 Hz                       |
| Nominal voltage | 24/115/230/400 Vca (-15...+20 %) |

### DC power supply, insulation

|                   |                     |
|-------------------|---------------------|
| Pulse test (kV)   | 3 kV (1,2/50µs)     |
| Test voltage (kV) | 2 kV RMS 50Hz 1 min |

### DC power supply

|                 |                                     |
|-----------------|-------------------------------------|
| Consumption     | 2,5 VA                              |
| Nominal voltage | 9-18 / 18-36 Vdc 36-72 / 90-140 Vdc |

### Mechanical characteristics

|                                  |                    |
|----------------------------------|--------------------|
| Size (mm) width x height x depth | 40 x 72 x 110 (mm) |
| Weight (kg)                      | 0,27               |

### Environmental characteristics

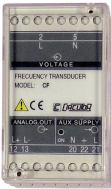
|                     |                                |
|---------------------|--------------------------------|
| Protection class    | IP 20 (Terminals) IP 40 (case) |
| Storage temperature | -40....+70 °C                  |
| Working temperature | -10...+55 °C                   |

### Voltage measurement circuit

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Input impedance                       | 3000 Ω/V                             |
| Voltage measuring range               | 0...150 % Vn                         |
| Nominal voltage                       | 10...150 V / 30...300 V / 60...600 V |
| Maximum permanent measurement voltage | 1000 V                               |

### Standards

|                                       |                            |
|---------------------------------------|----------------------------|
| Electrical safety, Maximum height (m) | 2000                       |
| Standards                             | IEC 529, IEC 688, IEC 1010 |



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Frequency transducer

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### Analogue inputs

|                              |                        |
|------------------------------|------------------------|
| Load impedance in current    | < 500 Ω                |
| Ripple (effective RMS value) | < 0,5 %                |
| Response time                | < 500 ms (0...99 % Vn) |

### Analogue outputs

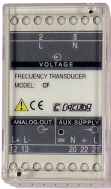
|                                    |                                  |
|------------------------------------|----------------------------------|
| Current mode, nominal range        | 0...10, 20 mAac                  |
| Displaced output                   | 0,2...2 V / 2...10 V / 4...20 mA |
| Voltage mode: nominal output range | 0...5, 10 Vac                    |

### Measurement accuracy

|                           |          |
|---------------------------|----------|
| Phase current measurement | 0,2 % FS |
|---------------------------|----------|

### CF

| CODE                                                          | TYPE    | Output type | Analog output | Measure                       |
|---------------------------------------------------------------|---------|-------------|---------------|-------------------------------|
| Auxiliary supply 230 V, 40...90 Hz, Accuracy: ± 0,2 % reading |         |             |               |                               |
| M25531.                                                       | CF Out1 | 1           | 0...20mA      | 45 ... 55 Hz (10 ... 660 Vac) |
| M25532.                                                       | CF Out2 | 2           | 4...20mA      | 45 ... 55 Hz (10 ... 660 Vac) |



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## Dimensions



## Connections

