



- Power Frequency Transducer
- Precision true RMS class 0,5 measurement, not affected by any waveform distortion
- Extremely fast analogue output response time (<50mS)
- 1500V Galvanic isolation
- Optional DIN96 Slave Indicator

**Specifications**

Auxiliary Voltage:	100-120, 200-240, 380-415 or 440-460VAC, 40-70Hz
Optional Auxiliary Voltage:	18-36 or 36-160VDC
Monitored Voltage Input:	100-120, 200-240, 380-415 or 440-460VAC
Frequency Range:	45-55, 55-65, 45-65Hz or 30-70Hz Other range on request
Analogue Output:	Up to 20mA, max 500R Up to 10V, min 100kohm
Optional Output:	DIN96 slave indicator panel
Temperature:	-20 to +70°C
Weight:	0.5kgs
Front protection:	IP21

**Description**

To be used in applications that require a very fast response, precision monitoring of the frequency. Ideal for systems for regulation and control of the frequency on generators, motors and inverters.

The MCFB2 and MCFB3 is a precision power frequency measuring transducer for AC voltage input.

MCFB2 have auxiliary supply from the monitored voltage input and MCFB3 have separate input for auxiliary supply. MCFB2 is the standard delivery.

The unit has ONE very fast response analogue output signal, proportional to the measured frequency level. The analogue output is isolated from both the CT and voltage inputs and auxiliary power.

It also includes an additional RJ12 output for a DIN96 Slave Indicator (optional).

A green "Supply On" LED indicates the auxiliary supply presence.

The unit meets IEC60092-504 and the relevant environmental and EMC tests specified in IEC60068/60092 and IEC61000/60533 respectively, to comply with the requirements of the major Classification Societies.

