

TYPES: BFP

FEATURES

- Din Rail Mounted
- Monitors mains frequency deviation
- Available as nominal 50Hz, 60Hz & 400Hz
- Wide choice of nominal supply options
- Output DPCO
- Dual LED indication

DESCRIPTION

Din rail mounted frequency monitoring relays available in a choice of nominal frequencies of 50Hz, 60Hz and 400Hz on a wide choice of supply voltages either referenced L-N or L-L (L-L units only require the connection of two phases). The frequency relays are in effect self-powered and do not require a separate auxiliary supply.

Providing the monitored supply frequency is between the lower and upper (fixed*) limits the output relay will energise, indicated via a green LED. If the frequency deviates outside these limits the output relay will de-energise, indicated via a red LED. The unit resets automatically when the frequency returns to within the limits.

- *The limits are fixed:-
- 50Hz (47.5Hz to 52.5Hz)
 - 60Hz (57Hz to 63Hz)
 - 400Hz (380-420Hz)

SPECIFICATIONS

Supply Voltage:	110VAC, 230VAC, 415VAC, 440VAC Other voltages on request
Frequency:	50Hz, 60Hz, 400Hz Other nominal frequencies on request
Lower limit:	50Hz (47.5Hz), 60Hz (57Hz), 400Hz (380Hz)
Upper limit:	50Hz (52.5Hz), 60Hz (63Hz), 400Hz (420Hz)
Stability:	< 1%
Response time:	0.5 secs
Output:	DPCO
Rating:	3 Amps / 250V
Mechanical life:	30 Million ops
Electrical life:	200K ops at max rated load
Isolation:	2KVA for 1 min
Power consumption:	< 5VA
Temperature range:	-15°C to +60°C

ORDERING INFORMATION

Type	Voltage**	Frequency**
BFP	110VAC	50Hz
	230VAC	60Hz
	415VAC	400Hz
	440VAC	Special Hz
	Special VAC	

**Specify



DIMENSIONS & CONNECTIONS

