



## 2HC144 45-55Hz

### 2HC144 45-55Hz, Frequencymeter

Code: M12742.

- > Scale: 90°
- > Accuracy: 0,5
- > Measure: 45...55 Hz
- > Frequency (Hz): 45...55
- > Modules: 144x144

### Description

- Does not need an auxiliary power supply
- DIN box with dimensions 96 and 144 mm
- Class 1.5
- Double scale

### Application

For the measurement and easy comparison of frequencies in alternating current circuits coming from generators or between the network and generator, when connected in parallel.



# 2HC144 45-55Hz

Frecuencymeter, marine applications equipment

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## Specifications

### Environmental characteristics

|                     |   |
|---------------------|---|
| Protection class    | Panel: IP 52 (Front), IP 00 (Terminals) |
| Storage temperature | -25...+40 °C                            |
| Working temperature | +10 ... +30 °C                          |

### Mechanical characteristics

|             |       |
|-------------|-------|
| Fastening   | Panel |
| Weight (kg) | 0,45  |

### Standards

|                                       |  |
|---------------------------------------|--|
| Certifications                        | CE   |
| Electrical safety, Maximum height (m) | 2000   |
| Standards                             | BS 89, UNE-EN 60051, IEC 144, DIN 43780, IEC 51, UNE 21318 |

### Voltage measurement circuit

|                                       |   |
|---------------------------------------|---|
| Consumption                           | 2 ... 3 VA                                      |
| Sampling frequency                    | 45 ... 55 Hz                                    |
| Nominal voltage                       | 230 V ~   |
| Maximum permanent measurement voltage | 1,2 Vn permanent rated voltage / 2 Vn during 5s |

### Electrical characteristics

|                             |   |
|-----------------------------|---|
| Insulation voltage, circuit | 2kV a 50 Hz < 1min entre mecanismo y caja |
|-----------------------------|---|

### Measurement accuracy

|          |          |
|----------|----------|
| Accuracy | 0,5 % FE |
|----------|----------|

2HC  
Double frequencymeters, pointer type

| CODE                | TYPE           | Scale | Accuracy | Modules | Measure    | Frequency (Hz) |
|---------------------|----------------|-------|----------|---------|------------|----------------|
| Pointer type, 230 V |                |       |          |         |            |                |
| M12732.             | 2HC96 45-55Hz  | 90°   | 0,5      | 96x96   | 45...55 Hz | 45...55        |
| M12742.             | 2HC144 45-55Hz | 90°   | 0,5      | 144x144 | 45...55 Hz | 45...55        |



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Dimensions

