

FREQUENCY METER 45-55HZ 415V AC



- Transducer and moving operation coil meter offers relative immunity to external vibration
- Moving coil meter and transducer, accuracy class 0.5
- Voltage level tolerance +15%, 4VA burden
- Range of 45-55Hz

Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS

Product Series	RQ96FI
Component Type Metering	Analogue Meter
Meter Type	Frequency
Input Range(s)	45 ... 55Hz
Input Units	Hz
Display (Output) Units	Hz
Display (Output) Range(s)	45 ... 55Hz
Overrange Display	No
Deflection	90 °
Movement Type	Moving coil
Connection Method	Direct connect
Terminal Type	Screw Terminal(s)
Burden, Rated	4 VA
Accuracy Class	0.5 Class
Un, Nominal Operational Voltage, AC	415 V AC
Ue, Rated Operational Voltage, AC, max	455 V AC
Input Frequency, Nom	50 Hz
Input Frequency, Min	45 Hz
Input Frequency, Max	55 Hz
Installation Category	III
Pollution Degree	2
Ui, Rated Insulation Voltage	600 V (rms)
Number of meter displays	1
Height, Window	96 mm
Width, Window	96 mm
Height, Cutout	92 mm
Width, Cutout	92 mm
Depth	87 mm

Catalogue No: **RQ96FI 415V**
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Energy Management and Building Automation > Energy Management and Metering > Analogue and Digital Meters > IME Analogue Meters > Frequency Meters > Panel Mount Direct Connect with 90° Deflection



Weight	0.3 kg
Material, Body / Housing	PC (Polycarbonate) material
Mounting	Panel Mount
IP Rating, Front	IP52
IP Rating, Back	IP20
Operating Temperature, Min	-25 °C min
Operating Temperature, Max	50 °C max
Storage Temperature, Min	-40 °C min
Storage Temperature, Max	80 °C max
Shock Rating	IEC 60051-1
Vibration Rating	IEC 60051-1
Standards Compliance	IEC 60051-1 IEC 61010-1 IEC 60529 EN 61010-1 EN 60529

REFERENCES

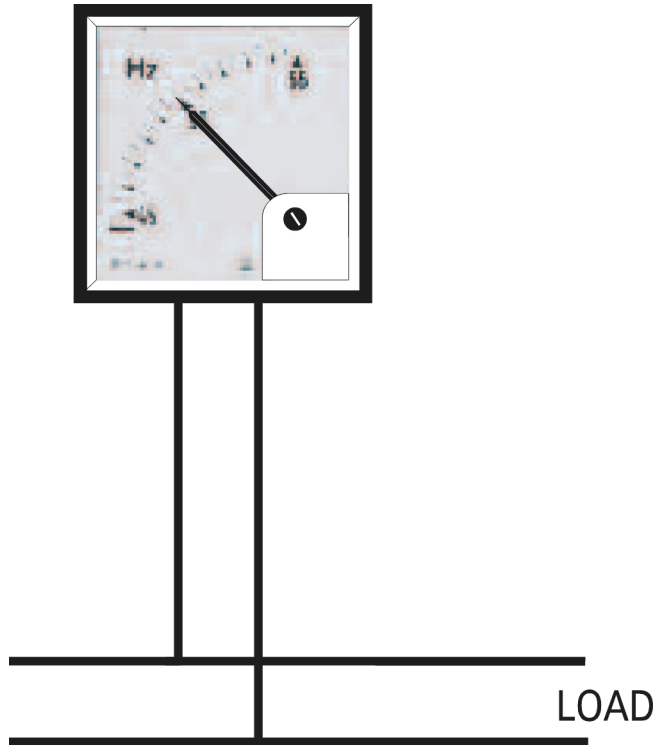
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	RQ96FI415V_Manufacturer Datasheet
Manufacturer Catalogue & Product Selection:	RQ96FI415V_Manufacturer Catalogue

Modello / Model	A	B	C	Peso / Weight
RQ48FI	48x48	45x45	85,5	150gr.
RQ72FI	72x72	68x68	87	200gr.
RQ96FI	96x96	92x92	87	300gr.

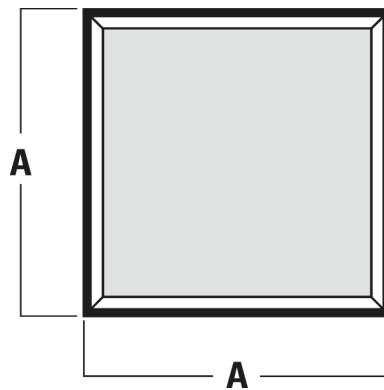
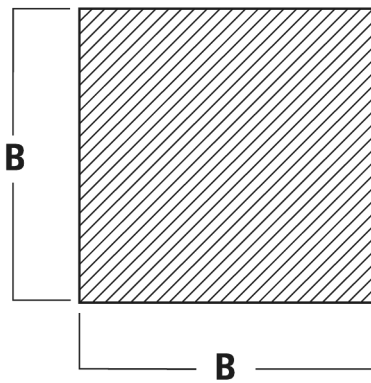
Dimension Diagram

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Connection / Wiring Diagram



Technical Diagram

