

Catalogue No: **RQ48E AAC 10A**
AMMETER DIRECT CONNECT 0-10/50A AC

Energy Management and Building Automation > Energy Management and Metering > Analogue and Digital Meters > IME Analogue Meters > Panel Mount AC Ammeters > 90° Deflection Direct Connect



AMMETER 0-10/50A AC DIRECT CON



- Accuracy class 1.5 (AS 60051)
- 600V operational voltage rating
- Operating temperature -25 to +50°C
- Ammeter overload parameters: 1.2 x I_n continuous / 10 x I_n for 5s
- Voltmeter overload parameters: 1.2 x U_n continuous / 2 x U_n for 5s
- IP52 rated front frame

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

SPECIFICATIONS

Product Series	RQ48E
Component Type Metering	Analogue Meter
Meter Type	Instantaneous Current
Input Range(s)	0 ... 10A
Input Units	A
Display (Output) Units	A
Display (Output) Range(s)	0 ... 10A
Overrange Display	Yes
Deflection	90 °
Movement Type	Moving iron
Connection Method	Direct connect
Terminal Type	Screw Terminal(s)
Burden, Rated	1.1 VA
Accuracy Class	1.5 Class
U _e , Rated Operational Voltage, AC, max	600 V AC
Current, Overload Capacity, Continuous	0.012 kA
Current, Overload Capacity, 5s (rms)	0.1 kA
Input Frequency, Nom	50 Hz
Input Frequency, Min	45 Hz
Input Frequency, Max	65 Hz
Installation Category	III
Pollution Degree	2
U _i , Rated Insulation Voltage	600 V (rms)
Number of meter displays	1
Height, Window	48 mm
Width, Window	48 mm
Height, Cutout	45 mm
Width, Cutout	45 mm

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Depth	69 mm
Weight	0.12 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
Relative Humidity, Max	85 %RH
Humidity Type	Non-condensing
Shock Rating	IEC 60051-1
Vibration Displacement (Peak to Peak Max.)	2 mm
Vibration Frequency, Operational (Max.)	80 Hz
Vibration Rating	IEC 60068-2-6
Standards Compliance	IEC 60051 IEC 60051-1 IEC 60068-2-6 IEC 61010-1 IEC 60529

REFERENCES

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

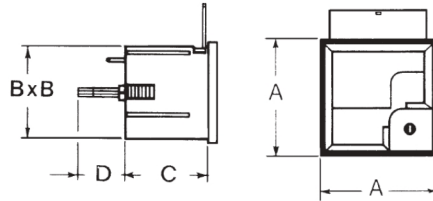
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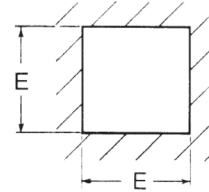


AQ/RQ Analogue meters

Meter dimensions



Meter cut-out dimensions



Overall dimensions (mm)

Cat. No.	A	B	C	D	E
RQ48	48 x 48	44.5 x 44.5	40	22	45
AQ48	48 x 48	44.5 x 44.5	57.5	22	45
RQ72	72 x 72	66.5 x 66.5	44	12	68
AQ72	72 x 72	66.5 x 66.5	59	12	68
RQ96	96 x 96	91 x 91	44	12	92
AQ96	96 x 96	91 x 91	59	12	92

Dimension Diagram