

Catalogue No: **RQ72E AAC 100A**
AMMETER DIRECT CONNECT 0-100/500A 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 0-100/500A AC DIRECTC



- 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	RQ72E
Component Type Metering	Analogue Meter
Meter Type	Instantaneous Current
Input Range(s)	0 ... 100A
Input Units	A
Display (Output) Units	A
Display (Output) Range(s)	0 ... 100A
Overrange Display	Yes
Overrange Maximum	500A
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	0.12 kA
Current, Overload Capacity, 5s (rms)	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	72 mm
Width, Window	72 mm
Height, Cutout	68 mm

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Width, Cutout	68 mm
Depth	69 mm
Weight	0.15 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:	-

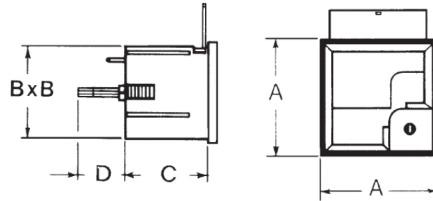
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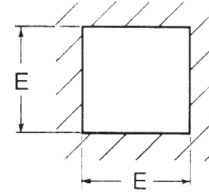


AQ/RQ Analogue meters

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