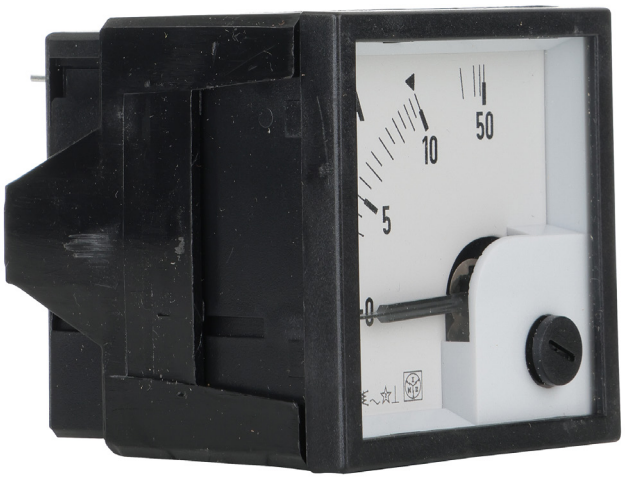
RQ48EAAC20A

IME Analogue Ammeter Direct Connect Scale 0 to 20A Overrange Maximum 100A AC

ANALOGUE AND DIGITAL METERS

IME



Component type	Ampere meter for installation
Range	Analogue Meters
Model	N/A
Product status	Existing

NHP offers a comprehensive range of IME voltmeters, ammeters, and many other analogue measurement devices. Available in both AC and DC, direct connected or via transformers, transducers or shunts. These meters are available as 48, 72 and 96mm panel mount form.

ELECTRICAL	Nominal voltage	600 V
	Rated insulation voltage Ui	600 V
	Type of measuring component	Analogue
	Accuracy class	1.5
	Voltage type	AC
	Rated burden	1.1 VA
	Mains frequency	50 Hz
	Nominal frequency	45-65
	Current overload capacity, continuous value	0.02 kA
	Output display units	A
	Output display range (configurable or not)	20 A
	Input units	A
	Nominal end value of the scale	20 A
	Transformer connection	No
	Stay-set indicator	Yes
COMMUNICATION	Overrange indication	Yes
CONSTRUCTION	Model	Front mounting
	Housing material	Plastic
	Measurement system	Moving coil
	Degree of protection (IP), front side	IP52
	Degree of protection (IP), mounted	IP20
	Modular version	No
	Scales lighting	No
MECHANICAL	Connection type	Direct mounting
	Number of meters displayed	1
DIMENSIONS	Ampmeter width	48 mm

Published on 19 October 2026

RQ48EAAC20A

IME Analogue Ammeter Direct Connect Scale 0 to 20A Overrange Maximum 100A AC

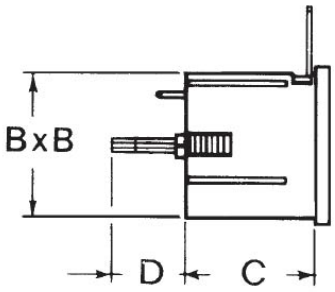
ANALOGUE AND DIGITAL METERS

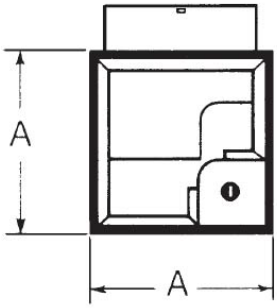
DIMENSIONS	Ampmeter height	48 mm
	Height (cutout)	45 mm
	Width (cutout)	45 mm
	Depth	69 mm
	Weight	0.12 kg
	Width	48 mm
	Height	48 mm
ENVIRONMENT	Storage temperature	-40…80 °C
	Operating temperature	-25…50 °C
	Pollution degree	2

DIMENSIONAL DIAGRAM

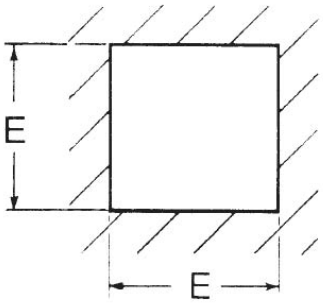
AQ/RQ Analogue meters

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

Published on 19 October 2026