

QUAD TEST SERIES

Enables Products with Isolated Internal Circuits to be Fully Electrically Tested Whilst Powered

■ Multi Industry Use

Clare is the first manufacturer to develop a testing solution that can fully test any product that has in-built internal circuitry requiring a powered supply connection for the circuitry accessible to high voltage hipot/flash/dielectric test.

Typical products incorporating this type of circuitry are microprocessor-based domestic/industrial washing machines, cooking appliances, consumer audio/TV/IT products and construction machinery built to international standards such as IEC355, IEC950, IEC601, IEC598, and IEC204.

The Quad module is designed to work with the Clare Hal Combi unit's isolated test outputs ideal for this application. The system can also be adapted for use with any test instrument incorporating a fully isolated test output which enables the user to incorporate the Quad module into testing systems when more convenient or appropriate.

KEY FEATURES

KEY FEATURES	Quad 1	Quad 3
Test products which have internal circuits that require power for access	■	■
Meets requirement of IEC 60335-1 and similar product safety standards	■	■
Can test products up to 16 Amps	■	■
Can test products up to 32 Amps	Option	Option
Isolated test output to maximise safety to test operatives	■	■
EN 50191 compliant	■	■
Can test single phase products	■	■
Can test three phase products		■



ADDITIONAL INFORMATION

Mechanical

QUAD1 Dimensions	16 and 32A model, 430H x 520W x 480D mm
QUAD3 Dimensions	16 and 32A model, 810H x 590W x 480D mm
QUAD1 Weight	16A model 36 kg, 32A model 42 kg
QUAD3 Weight	16A model 62 kg, 32A model 76 kg

Electrical

QUAD1 230V 16A	230 V, 50 or 60 Hz 1 phase supply – 16A
QUAD3 400V 16A	400 V, 50 or 60 Hz 3 phase supply – 16A
QUAD1 120V 20A	120 V, 50 or 60 Hz – 20A
QUAD3 240V 20A	240 V, 50 or 60 Hz 3 phase supply – 20A
QUAD3 380V 16A	380 V, 50 or 60 Hz 3 phase supply – 16A
QUAD3 440V 16A	440 V, 50 or 60 Hz 3 phase marine supply – 16A
QUAD1 230V 32A	230 V, 50 or 60 Hz 1 phase supply – 32A
QUAD3 400V 32A	400 V, 50 or 60 Hz 3 phase supply – 32A
QUAD1 120V 32A	120 V, 50 or 60 Hz – 32A
QUAD3 240V 32A	240 V, 50 or 60 Hz 3 phase supply – 32A
QUAD3 380V 32A	380 V, 50 or 60 Hz 3 phase supply – 32A
QUAD3 440V 32A	440 V, 50 or 60 Hz 3 phase marine supply – 32A
Operating range	0 - 40° C; Humidity: <75%

Services

Onsite or return to base
Service
Calibration

Order Numbers

463A917	QUAD1 230V 16A
464A917	QUAD3 400V 16A
463A918	QUAD1 120V 20A
463A919	QUAD3 240V 20A
464A918	QUAD3 380V 16A
464A919	QUAD3 440V 16A
463A920	QUAD1 230V 32A
464A920	QUAD3 400V 32A
463A921	QUAD1 120V 32A
463A922	QUAD3 240V 32A
464A921	QUAD3 380V 32A
464A922	QUAD3 440V 32A

DISTRIBUTOR



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