

HAL – programmable HIPOT/Flash & IR tester

TECHNICAL SPECIFICATION

AC Flash Test

Voltage Range:	0.100 – 5.000kV (programmable)
Voltage Resolution:	10V/step (settable)
Voltage Accuracy:	1% of reading
Maximum Output Current:	20mA @5kV 50/60 Hz Selectable
Display Current Range:	0.01 – 20.00mA
Current Accuracy:	1% of Reading
Display Current Resolution:	0.01mA

DC Flash Test

Voltage Range:	0.100 – 6.000kV (programmable)
Voltage Resolution:	10V/Step (Settable)
Voltage Accuracy:	1% of reading
Maximum Output Current:	10mA @ 6kV
Display Current Range:	0.01 – 10.00mA
Current Accuracy:	1% of reading
Display Current Resolution:	0.01mA
Output Ripple:	<5% @ 6kV

Insulation Resistance

DC Output Voltage:	250, 500 OR 1000V selectable, or fully adjustable from 10 – 1000V
Resistance Ranges Measurement:	0.1 – 100.0M Ohm 100 M – 1G Ohm
Resistance Ranges (Accuracy):	0.1M – 700M Ohm, 5% of reading 700M – 1G Ohm, 10% of reading

ARC Detection

Detect Current:	10 Levels
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Features

Electronic storage of test results	Yes
Test sequences	Yes
User defined test sequences	Yes
Visual alarm	Yes
Audible alarm	Yes

External Connectors

Printer	RS-232
PC	RS-232
Beacon	Yes
Guard Switch	3-pin

PLC Dual 3-pin

Environment

Size 46 x 36 x 43 cm

Weight

Standards

Power

EN50191 compliant

ORDER CODES

Model Number (Order Code)
HAL (H101)

Supplied with
03919/2 HT Probe, H-5003 HT Clip Lead, CON
965/LINK Guard Plug, Instruction Manual and
Mains Lead

ACCESSORIES

Order Code

194A922

C3

312A950

V242

H-5009-country*

*Please name the country in
which the tester will be used

H-5022-country*

*Please name the country in which
the tester will be used

H-5008

DCS317

41510

03919/2

03918/2

H-5017

BARCL002 (per M)

IRM001 (per sqm)

BARCL001

Barcode Scanner

Data Cable

Desk Test n Tag Printer

Star Printer

Calibration Check Unit

Class I Output Socket Box with User Definable Socket

Class II Output Socket Box with User Definable Socket

Foot Guard Switch

Guard Switch

Two Handed Guard Switch Control Box

Earth Clip

Earth Probe

HT Probe –Yellow

HT Probe –Red

Status Beacon

Chain Link

Insulating Rubber Mat (EN901)

Posts

Test Bench

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