

SwitchSmart

Eight-channel switching matrix

Used in conjunction with the HAL 104 or HAL LED tester, the SwitchSmart provides the capability for automatic electrical safety testing between multiple test points or multiple products simultaneously. Allowing for unrivalled speed and efficiency coupled with a high level of safety that the modern production line demands.

This modular eight channel switching matrix can be programmed for each switch port to perform all of the test functions of the HAL 104 or HAL LED. The SwitchSmart offers a simple yet high-specification testing system. The unit can be used with the HAL 104/LED alone or integrated into larger automation projects.

Used with the Safety e-Base software program, even greater flexibility is possible with the ability to allocate bespoke test sequences to specific product / part numbers.

UK only (international variants unavailable).



Key Features:

- Increase safety, efficiency and productivity
- 16 switching ports providing 8 channels
- Up to 256 sequential tests on a single product
- Electrical testing of up to 4 products simultaneously



Scan QR code for full specifications

www.seaward.co.uk
Tel: +44 (0) 191 587 8741

▶ Technical Specification

Test Terminal Voltage

Range 0 – 5000V AC
50Hz – 60Hz
0 – 6000V DC

Power Requirement

Operating Voltage 110V – 230V
50Hz – 60Hz
3A Maximum

Test Terminal Load Current

Range 0 – 16A per connection
Duration Unlimited

Mechanical Specification

Dimensions (HxWxL) 300 x 200 x 370mm

PowerSmart

Industrial leakage test module



Compatible with the HAL 104, the PowerSmart modules allow full load and leakage testing on products rated greater than 16A. With two modules available, single and three phase, full testing can be performed on industrial electrical equipment, quickly, efficiently and with the full traceability offered with the HAL series.

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▶ Technical Specification

AC/DC Dielectric Strength*	0 – 3750V AC	Load Measurement	0 – 12.5kVA (as displayed on the HAL104)
Test Voltage Capability*	0 – 5000V DC	Leakage Measurement	0 – 10mA
Load Test Voltage Range	0 – 300V AC (50Hz / 60 Hz)		
Load Current	0 – 50A (50A MAX Rating)		

*Test voltages supplied from the HAL104

Key Features:

- Single and three phase configuration
- Up to 50A per phase testing
- Load measurement to 12.5kVA



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