

Issue 20170410 – April 2017

# SG-2G-1 RELAY



smartengine Universal Gateway, Generation 2, single relay connection

- Receives output signal from dry contact relay
- Connects to sensor pod

## GENERAL SPECIFICATIONS

**Brand**..... smartengine  
**Generation**..... 2  
**Product Type** ..... Gateway  
**Application** ..... Turns on or off any connected light fixture type  
**Data Ports, qty** ..... 2  
**Fixture Manufacturer** ..... Generic  
**Mount type** ..... Ceiling  
**Package Quantity**..... 1  
**Ordering Note** ..... Requires universal gateway wiring harness and RIB® relay or equal alternative  
**Colour** ..... White

## DIMENSIONS

**Depth**..... 106.68 mm | 4.20 in  
**Height**..... 30.48 mm | 1.20 in  
**Width** ..... 76.20 mm | 3.00 in  
**Weight**..... 0.11 kg | 0.25 lb

## MECHANICAL SPECIFICATIONS

**Engine Connector Interface**..... RJ45  
**Engine Connector Interface**..... 1 qty  
**Relay Connector Interface**..... 10-pin connector  
**Material Type**..... Plastic  
**Opt. Engine Connector Interface**... 18 AWG spring loaded terminal  
**Opt. Engine Connector Interface**... 2 qty  
**Sensor Connector Interface**..... RJ25  
**Sensor Connector Interface**..... 1 qty

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## ELECTRICAL SPECIFICATIONS

**ANSI/TIA Category** ..... 5e | 6 | 6A

## ENVIRONMENTAL SPECIFICATIONS

**Environmental Space**..... Indoor | Plenum

**Operating Humidity** ..... 10%-80%, non-condensing

**Operating Temperature** ..... 0°C to +50°C (+32°F to +122°F)

**Storage Humidity** ..... 5%-95%, non-condensing

**Storage Temperature** ..... -20°C to +60°C (-4°F to +140°F)

**Safety Standard**..... AS/NZS CISPR 22 | c-UL-us | CE | CEC Title 24-2008 | IEC 60950 | IEC 61000-4.5, Class 3 | UL 60950 | UL 924 | UL-us | US FCC Part 15, Class A

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## REGULATORY COMPLIANCE/CERTIFICATIONS

Agency	Classification
RoHS 2011/65/EU	Compliant

