

Product Specifications



RD-1G-W
Smart Dimmer Wall Switch, white

General Specifications

| | |
|------------------|--|
| Color | White |
| Mount Type | Flush |
| Product Type | Wall switch |
| Application | Dims and controls LED fixture groups in a room |
| Includes | Up/down paddle switch with dimming levels Light-level sensor Passive infrared motion sensor Ambient temperature sensor |
| Mounting Note | Mounts to NEMA standard electric box with open back |
| Package Quantity | 1 |

Dimensions

| | |
|----------------------------|---------------------|
| Compatible Knockout Height | 50.80 mm 2.00 in |
| Compatible Knockout Width | 76.20 mm 3.00 in |
| Depth | 25.40 mm 1.00 in |
| Height | 127.00 mm 5.00 in |
| Width | 76.20 mm 3.00 in |
| Weight | 0.23 kg 0.50 lb |

Mechanical Specifications

| | |
|----------------------------|---|
| Engine Connector Interface | One channel via 18–24 AWG field-terminated 2•conductor unshielded cable |
| Material Type | High-impact, flame retardant, thermoplastic |

Electrical Specifications

| | |
|----------------------------|--------|
| Power Consumption, maximum | 300 mW |
|----------------------------|--------|

Environmental Specifications

| | |
|-----------------------|---|
| Environmental Space | Indoor |
| Flammability Rating | UL 94•HB |
| 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 +70 °C (•4 °F to +158 °F) |
| Safety Standard | AS/NZS CISPR 22 C-Tick c•UL•us CE CEC Title 24•2008 IEC 60950 T•Mark certificate T721020409 UL 60950 UL 924 UL•us US FCC Part 15, Class A |

Product Specifications



RD-1G-W

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

Classification

Compliant



Product Specifications



General Specifications

| | |
|------------------|--|
| Color | White |
| Mount Type | Flush |
| Product Type | Wall switch |
| Application | Dims, controls, and selects preset scenes for LED fixture groups in a location |
| Includes | Four scene selection buttons On/off button Up/down dimming control buttons Ambient temperature sensor |
| Mounting Note | Mounts to NEMA standard single or multi-gang electric box with open back Mounts to standard decorator style insert, snap on surround faceplate |
| Package Quantity | 1 |

Dimensions

DIM-2-4SW

Smart Scene Control Wall Switch, white

| | |
|----------------------------|---------------------|
| Compatible Knockout Height | 50.80 mm 2.00 in |
| Compatible Knockout Width | 76.20 mm 3.00 in |
| Depth | 31.75 mm 1.25 in |
| Height | 120.65 mm 4.75 in |
| Width | 82.55 mm 3.25 in |
| Receptacle Height | 63.50 mm 2.50 in |
| Receptacle Width | 31.75 mm 1.25 in |
| Weight | 0.23 kg 0.50 lb. |

Mechanical Specifications

| | |
|----------------------------|---|
| Engine Connector Interface | One channel via 18 AWG field-terminated 2-conductor unshielded cable T568A straight-through with RJ45 T568B crossover with RJ45 |
| Material Type | High-impact, flame retardant, thermoplastic |

Electrical Specifications

| | |
|----------------------------|-------------|
| ANSI/TIA Category | 5e 6 6A |
| Power Consumption, maximum | 300 mW |

Environmental Specifications

| | |
|-----------------------|---|
| Environmental Space | Indoor |
| Flammability Rating | UL 94 V•2 (faceplate) UL 94•HB (back plate) |
| Operating Humidity | 10%–80%, non-condensing |
| Operating Temperature | 0 °C to +50 °C (+32 °F to +122 °F) |

Product Specifications



DIM-24SW

| | |
|---------------------|--|
| Storage Humidity | 5%–95%, non-condensing |
| Storage Temperature | •20 °C to +70 °C (•4 °F to +158 °F) |
| Safety Standard | AS/NZS CISPR 22 C•Tick c•UL•us CE CEC Title 24•2008 IEC 60950 T• Mark certificate T721020409 UL 60950 UL 924 UL•us US FCC Part 15, Class A |

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

Classification

Compliant

