smartswitch wallmount | instruction sheet

wtec

SCENE CONTROL WALL SMARTSWITCH INSTALLATION

GENERAL

The scene control wall smartswitch allows occupants to select, dim, and control preset scenes for LED fixture groups in a location. It has an ambient temperature sensor to enhance the temperature measurement capabilities of the smartgateways and smartsensors deployed with each fixture. The wall smartswitch is powered by the smartengine and communicates with it via Class 2, low-voltage wiring.

ORDERING INFORMATION IS LISTED BELOW

Part No.	Description
SDIM-2-4SW	Scene control wall switch, white color
RD-1G-W	Wall mount box for wall switch (for installation outside North America)

SCENE CONTROL WALL SMARTSWITCH

! IMPORTANT

· The wall smartswitch is an optional component.

· It does not physically connect to a fixture, but it should be placed near the lights that it controls.

· The fixtures that the wall smartswitch controls are determined during the commissioning phase.

· The smartengine, smartdirector, smartgateways, smartsensors, and smartswitches are designed for commercial use only and are not for residential use.

PREPARATION

1. Determine location for the wall smartswitch and other associated smartengine and fixtures.

2. Run low-voltage 18 AWG (1mm) wire or T568A/T568B cable from the engine to each wall smartswitch location.

3. Cut or use an existing standard-sized wall plate opening for a NEMA standard, OTS electrical switch box with an open back.
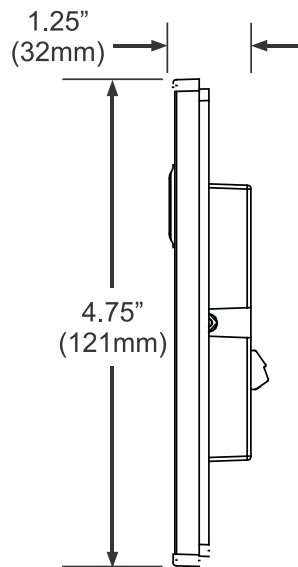
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SCENE CONTROL WALL SMARTSWITCH INSTALLATION

INSTALLATION

1. Remove the front plate from the wall smartswitch by gently pulling it from the housing. This can be done without tools.

2. If using 18 AWG (1mm) wire, strip 1/4" (6mm) of insulation from the ends and insert red wire into the positive screw terminal and black wire into the negative screw terminal on the back of the wall smartswitch. Tighten the screws to a torque of 2.5 in/lb (0.28 Nm).

3. If using T568A or T568B cable, insert the RJ45 connector into the port provided on the rear of the switch.

4. Screw the wall smartswitch back plate into the switch box.

5. Snap the switch front plate onto the wall smartswitch.

3.25"
(83mm)

Scene 1
Scene 2
Scene 3
Scene 4

FRONT

1.25"
(32mm)

4.75"
(121mm)

SIDE

REAR

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· EMEA, contact your local account representative
· An email can also be sent to smartenginesupport@wtec.ag for technical support.