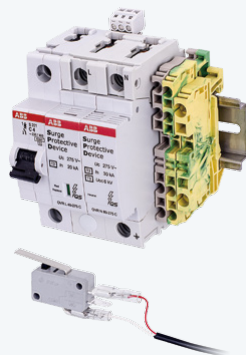




# AT-SWH-000

## Power Safety Kit



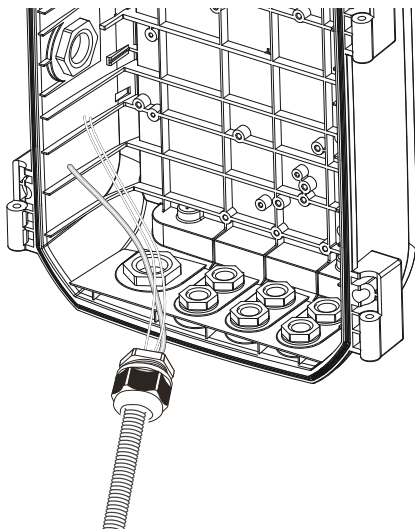
### Quick Installation Guide

Model Name	AT-SWH-000
Supported Models	AT-CAB-001, AT-CAS-001
Feature	Suitable for VIVOTEK AT-CAB-001 or AT-CAS-001 Cabinet Surge protection Fuse Alarm-door switch
Operating Temperature	MCB fuse: -40 °C ~ 75 °C (-40°F ~ 167°F) Surge protector: -40 °C ~ 80 °C (-40° F ~ 176°F) Door switch: -40 °C ~ 85 °C (-40°F ~ 185°F)
Approvals	MCB fuse: IEC/EN 60898-1, IEC/EN 60947-2, UL 1077 Surge protector: IEC 61643-11 / EN 61643-11 Door switch: EN 61058, UL 61058
Weight	MCB fuse: 125 g Surge protector: 240g Door switch: 10 g
Dimensions	MCB fuse: 88x17.5x69 mm Surge protector: 95x35.6x58 mm Terminal block 4x2.5 mm <sup>2</sup> (Gray): 72.6x5.1x35.5 mm Terminal block 4x2.5 mm <sup>2</sup> (Yellow/Green): 72.6x5.1x35.5 mm Terminal block 2x4 mm <sup>2</sup> (Yellow/Green): 57x6.1x35.5 mm Door switch: 41x10x30 mm Door switch cable: 300 mm Screw: 75 mm
Included Accessories	MCB fuse, surge protector type 2, terminal block 4x2.5 mm <sup>2</sup> (gray), terminal block 4x2.5 mm <sup>2</sup> (yellow/green), terminal block 2x4 mm <sup>2</sup> (yellow/green), door switch, door switch cable, screw

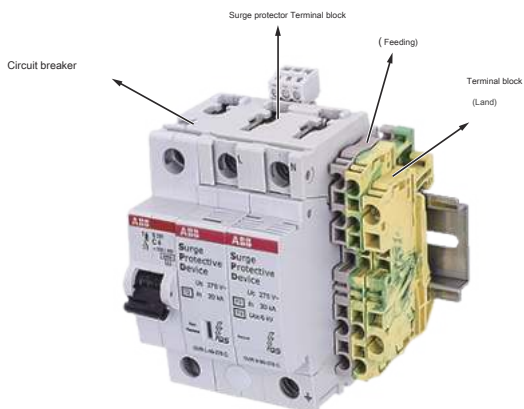


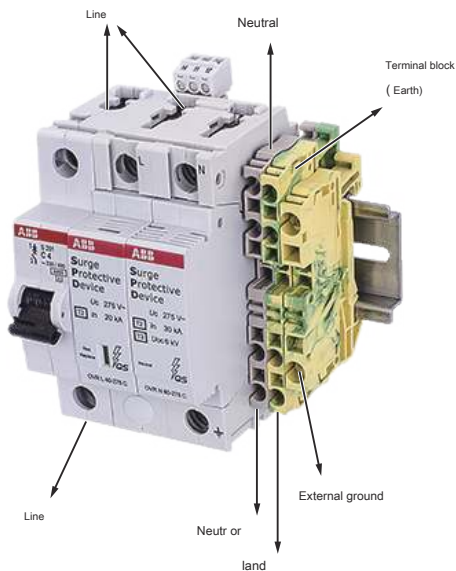
## Wiring and connections

If you install 3/4" and M16 cable glands and conduit to protect properly installed cables and outside wiring, water can from the cabinet. Install the cable glands correctly so that the IP rating of the product is maintained. If not seep into the cabinet and damage the devices inside. The conduits are supplied by the user. Cabinet comes with 1 3/4" gland only.



Instructions for wiring a combination safety kit that includes a circuit breaker, protector, and terminal blocks are shown below.





Cable gauge:

TO solid wire, 2.5 to 25 mm<sup>2</sup>

trace length: 12.5mm

Surge protector:

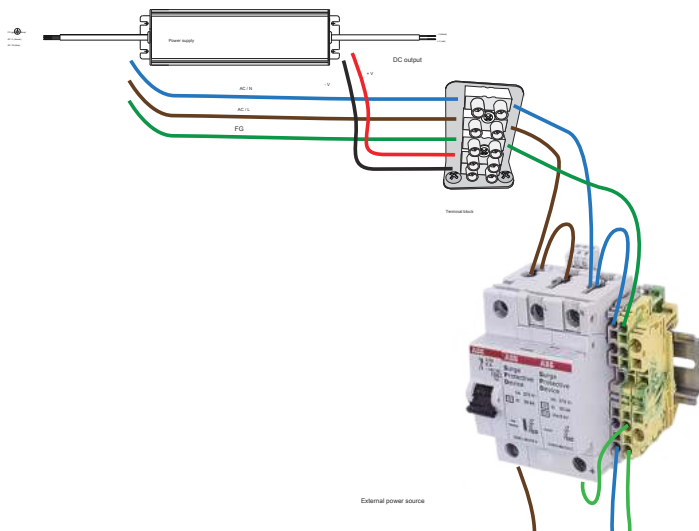
Conductor cross section (top / bottom): solid wire, 35 mm<sup>2</sup>; Flexible, 25 mm<sup>2</sup> 14 - 4 AWG

Circuit breaker:

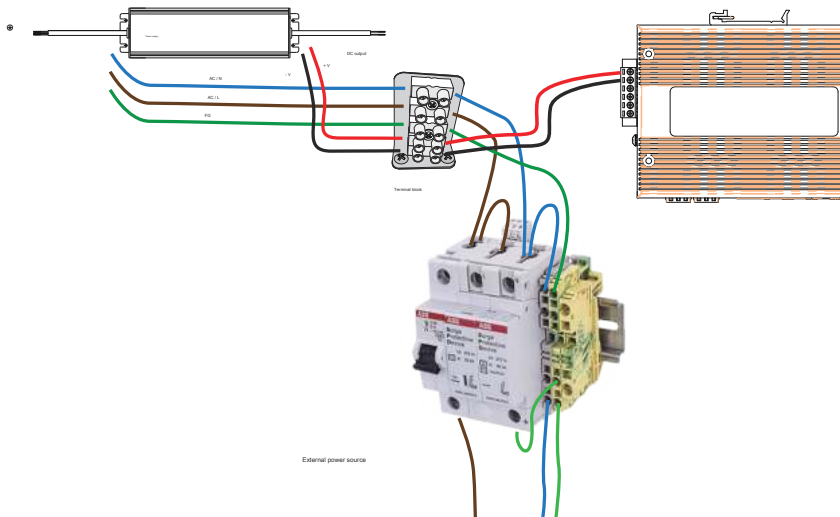
Busbar cross section (top / bottom): 10 mm<sup>2</sup>; 14 - 8AWG

Grounding terminal block: Conductor cross section (top / bottom): solid flexible wire, 30 - 12mm<sup>2</sup>; 0.2 - 2.5 AWG

Below is a sample connection drawing showing the use of a 120V or 240V DC power supply and connection to a safety kit.



The DC output of the power supply activates a switch PoE as shown below.



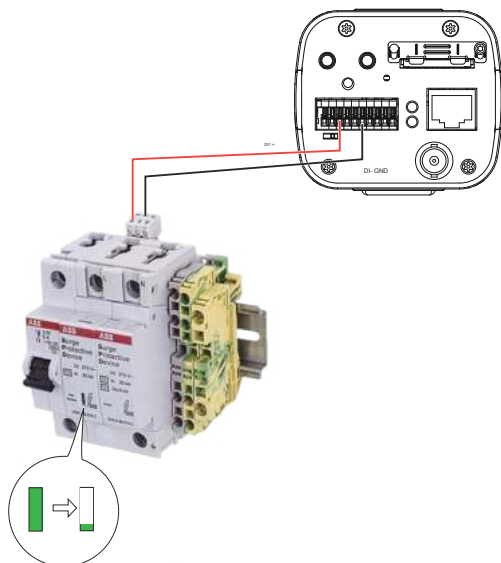
The surge protector wears out after overloads. When the indicator now changes color, replace the shield. You can connect wires from your alarm terminal to the DI pins of a camera so you can receive notifications when the shield wears out. Check the surge protector, especially after a lightning strike. You can retrieve the related alarm by setting an event via email, FTP, etc.

a web console with the camera on

**Settings> Event> Event**

**settings**, please refer to

documentation that I arrive with your camera.



## Camera ground connection

Connect a ground wire to the screws near the safety wire.

