

## Manual

Updated 11/23/2020

## Switch Kit AX-Power Plus

Kit for expansion of AX-Power 4 Plus with additional 4 PoE+ ports, up to a maximum of 12 ports.



## Introduction

AX-Power 4 Plus Switch Kit is an expansion kit for the AX-Power 4 Plus. With one Switch Kit, four additional PoE ports are obtained. The switch kit is installed in the AX-Power 4 Plus, using the included mounting plate, power cable and patch cable. AX-Power 4 Plus can host a maximum of two switch kits up to twelve PoE ports.

## Security

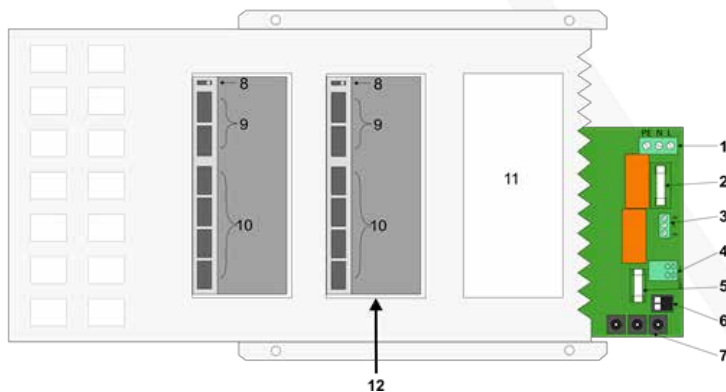
**This instruction must be read in its entirety by all operating personnel.** In case of doubt about the unit's structure, function, components or safety, Axema must be contacted.

Only a qualified electrician may install and maintain this unit. Only insulated tools should be used when working with the unit. Note that dangerous voltages and currents can occur in the unit regardless of whether the internal fuses are switched on or off.

Check that the circuit boards are permanently mounted and that the unit is not damaged during transport.

If batteries are used, they are always electrochemically active. Do not short-circuit the battery terminals.

# Connections



1. Mains voltage, 230 VAC
2. Fuse 230 VAC side
3. Alarm output, indicates mains voltage interruption
4. Battery connection, note + and-
5. Battery fuse
6. 48 VDC output
7. Connectors with supply voltage for AX-Power Plus Switch Kit
8. Operating mode switch, must be in "Standard" mode.
9. RJ-45 ports without PoE (Ports 1-2)
10. RJ-45 ports with PoE (Ports 3-6)
11. Expansion space for AX-Power Plus Switch Kit.
12. The AX-Power Switch Kit is mounted in a free compartment

## Installation of Switch Kit AX-Power Plus

The AX-Power 4 Plus can be expanded with one or two Switch Kit AX-Power Plus to eight and twelve PoE ports, respectively.

1. Disconnect the 230 VAC supply to the unit
2. Bend the plate down into the relevant compartment and mount the angle. (12 in the section connections)
3. Connect the cable to the back of the switch and to the DC socket on the connection board. (7 in the section connections)
4. Push the switch into the slot and lock with the flaps on the front.
5. Connect the patch cable from the link socket (9 in the connections section) on the new

switch, to the existing socket's link socket (9 in the connections section).

6. Activate the 230 VAC supply to the unit.

## Approximate battery times

A door environment with a reading terminal with an inactive electric lock normally corresponds to a load of less than 6W.

### **PoE-Portar Batteries 30W / output. 15W / output. 6W / output.**

4	4 * 7.2 Ah	1.5 hours	5.3 hrs.	14 hrs.
8	4 * 7.2 Ah	50 min.	2.3 hrs.	6.3 hrs.
12	4 * 7.2 Ah	25 min.	1.1 hrs.	3.1 hrs.

## Technical data and performance

<b>Attribute</b>	<b>AX-Power Switch Kit</b>
------------------	----------------------------