

STOP&GO with Remote Control

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F80SG
btdin
230V~

• AUTO
• MAN

STOP&GO

G723AH40
btdin
I_{Δn} 0,03A  Hpl
40A
bticino

salvavita
PREMERE

TEST



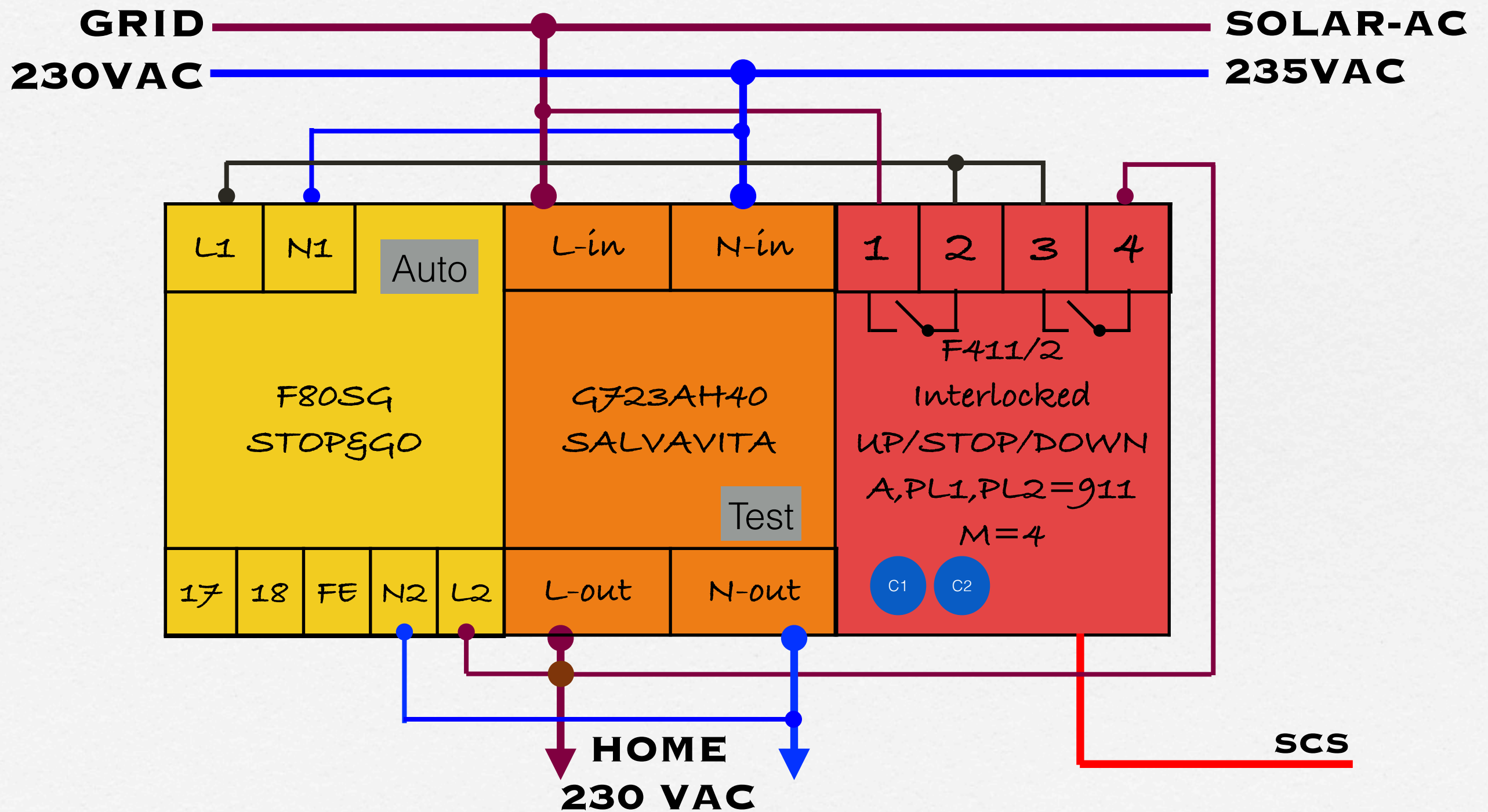
BT-F411/2
11W43 070
ID:005E5D59



STOP&GO DIAGRAM

The Stop&Go consists of a motor (F80SQ) to close the differential protection device after a temporary fault. The differential is also known by the names of GFI (Ground Fault Interrupt) in USA, and as Salvavita in Italy. We have added an actuator (F411/2) to enable, disable, and open the GFI.

Power Distribution



iMyHome Screenshot

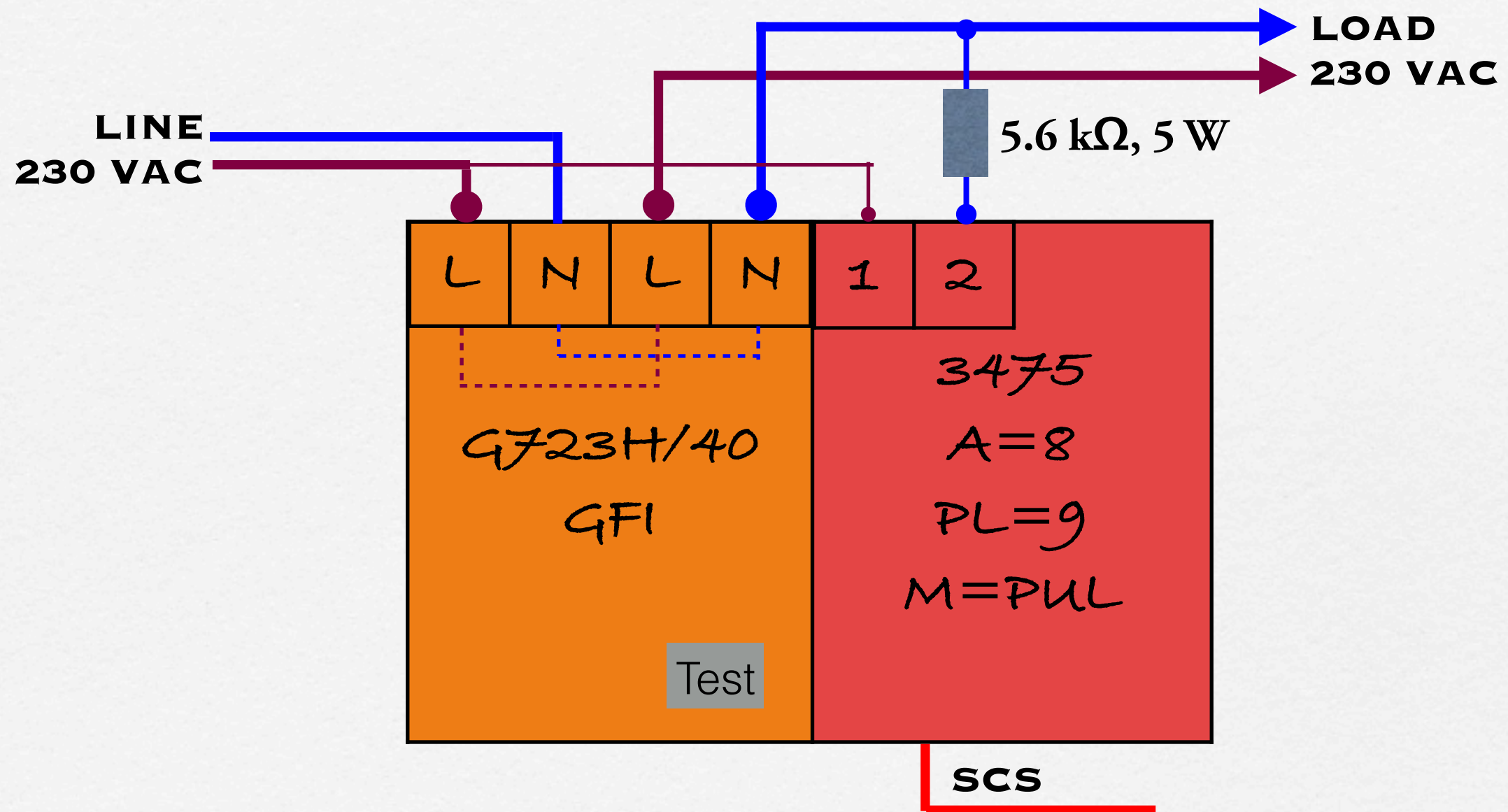


Stop&GO

Additional Requirements

- ❑ Open GFI (Ground Fault Interrupter) with an SCS shutter DOWN command.
- ❑ Close GFI with an SCS shutter UP command.
- ❑ Control GFI with MH200N and F420 scenarios, 3486 alarm central, iPhone, Touch Screen, and simple commands.

STOP DIAGRAM



GFI = GROUND FAULT INTERRUPTER, MEASURES THE DIFFERENCE BETWEEN THE CURRENTS IN THE LINE AND RETURN WIRES.

Links (In Italian)

- Stop&Go with MyHome - 1 Introduction
- Stop&Go with MyHome - 2 Blackout
- How to open a GFI with MyHome remotely

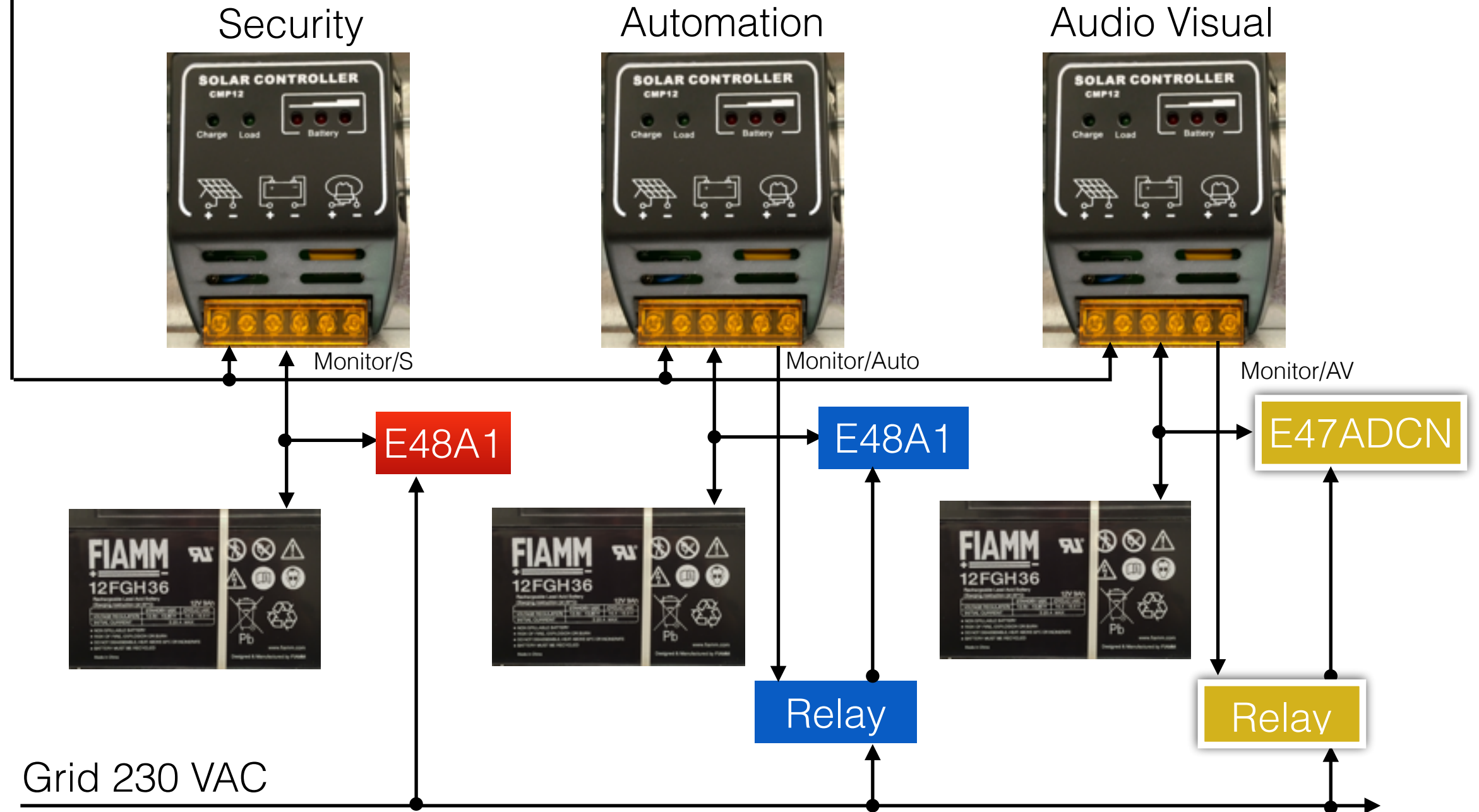
Solar Charge System

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200 Wp



Solar Charge System



Power Supply Requirements

- An home automation system has several subsystems that work independently.
- Each subsystem has its own power supply, a backup battery or a UPS.
- A full system requires several power supplies with UPS each to continue working during short power failures.

Energy Savings Requirements

- Solar cell panels charge backup batteries daily.
- One solar cell system must charge several subsystems simultaneously.
- Each battery must have its own controller to switch back to the grid in case of a malfunction.

Power Supply Policies

- Security: The backup battery must be always charged ready for a blackout.
- Automation: The system is charged by the grid only when needed, and it may run mainly with the energy generated from the solar cell panel.
- AudioVisual: power supply is connected only when the system is in use. Solar chargers are used during the day to charged backup battery.