

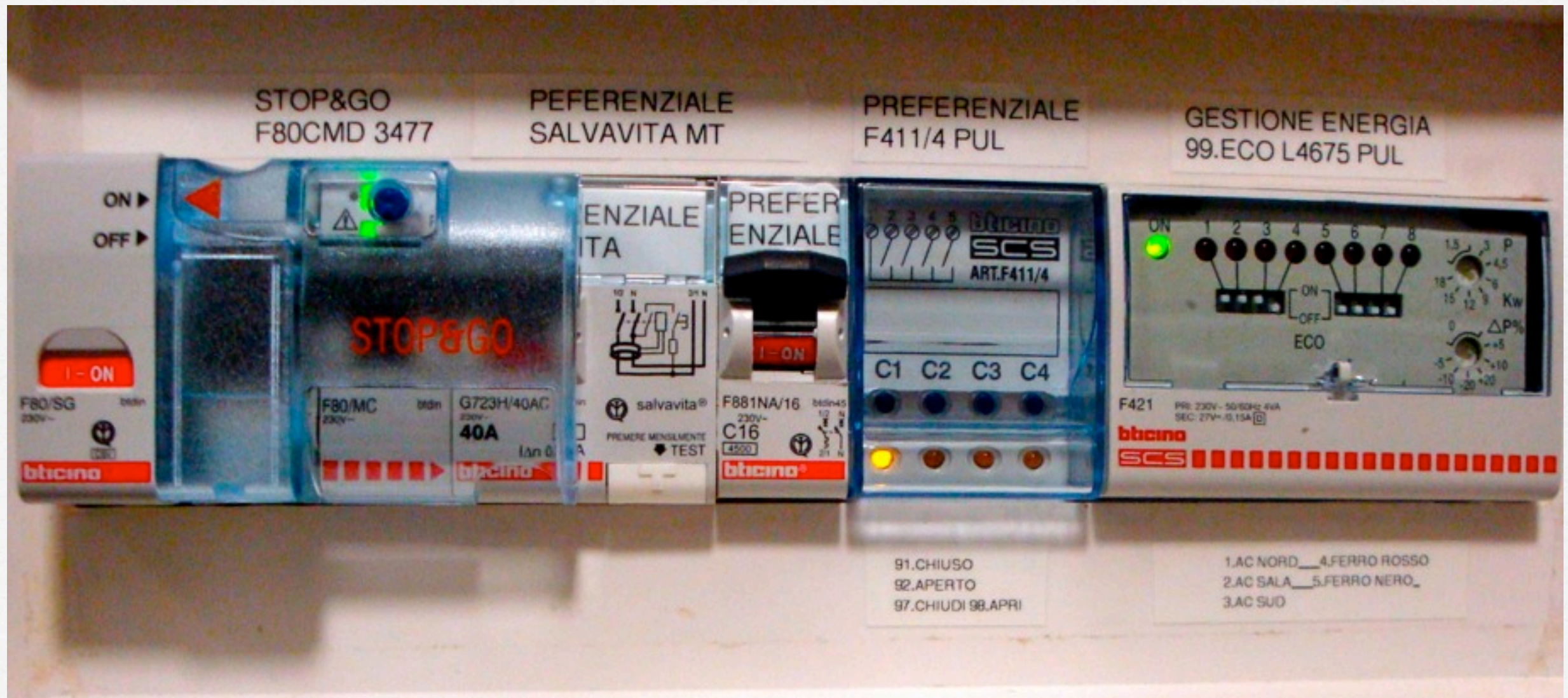
STOP&GO

F80/SG & F80CMD

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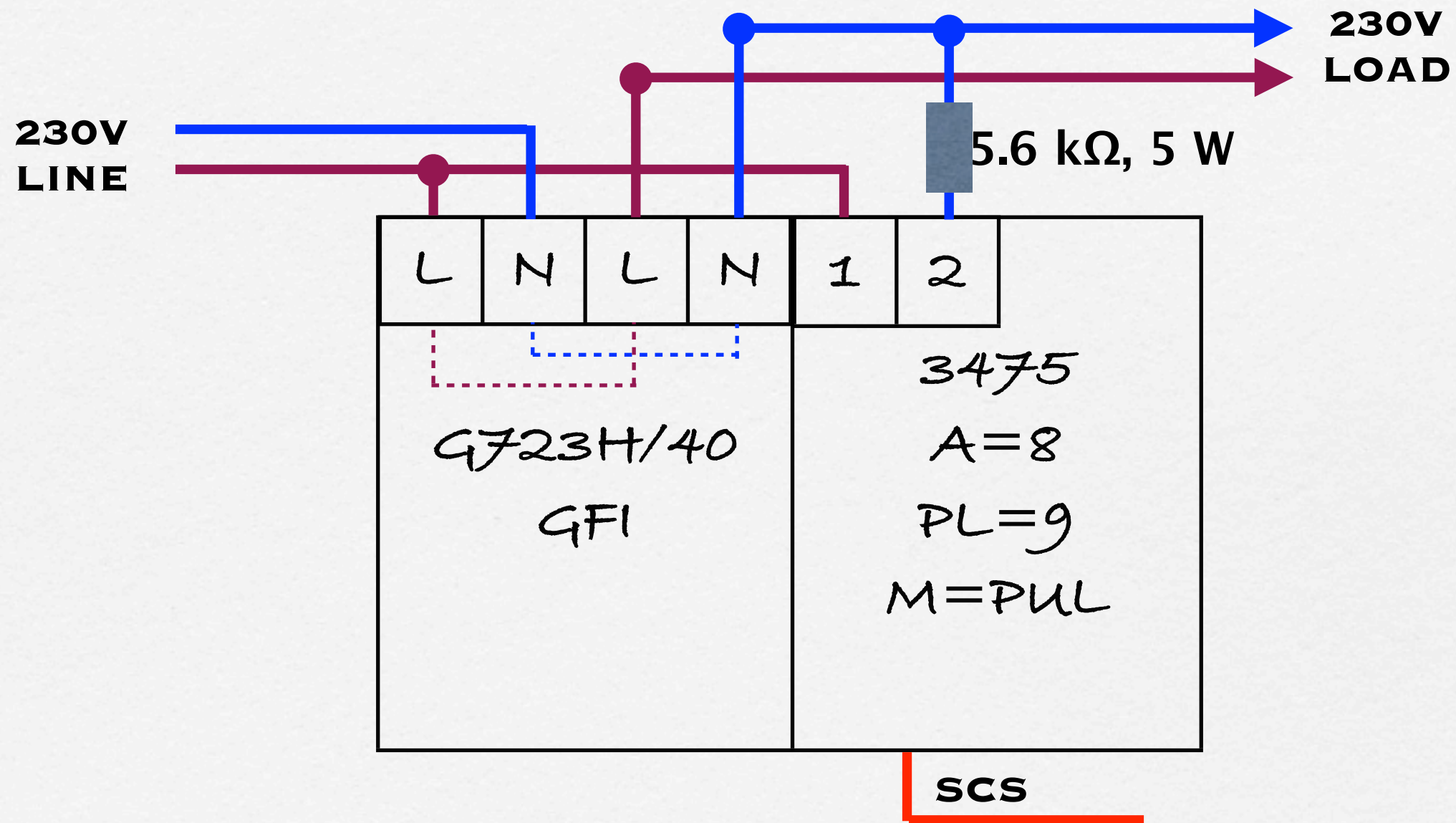
STOP&GO and Energy Management



Stop&GO Requirements

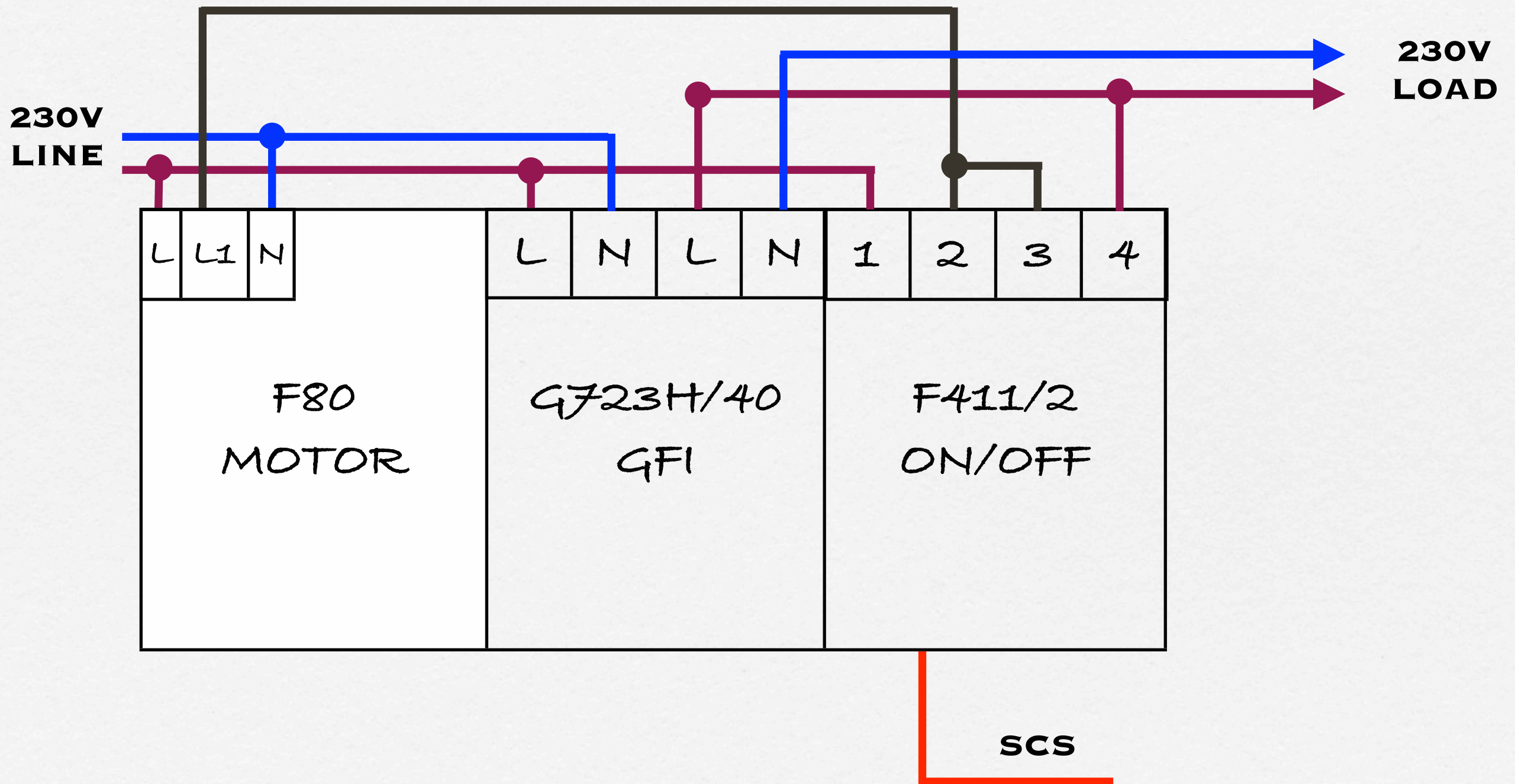
- Open GFI (Ground Fault Interrupter) with an SCS shutter DOWN command.
- Close GFI with an SCS shutter UP command.
- Control GFI with MH200N and F420 scenarios, 3486 alarm central, iPhone, Touch Screen, and simple commands.

STOP DIAGRAM

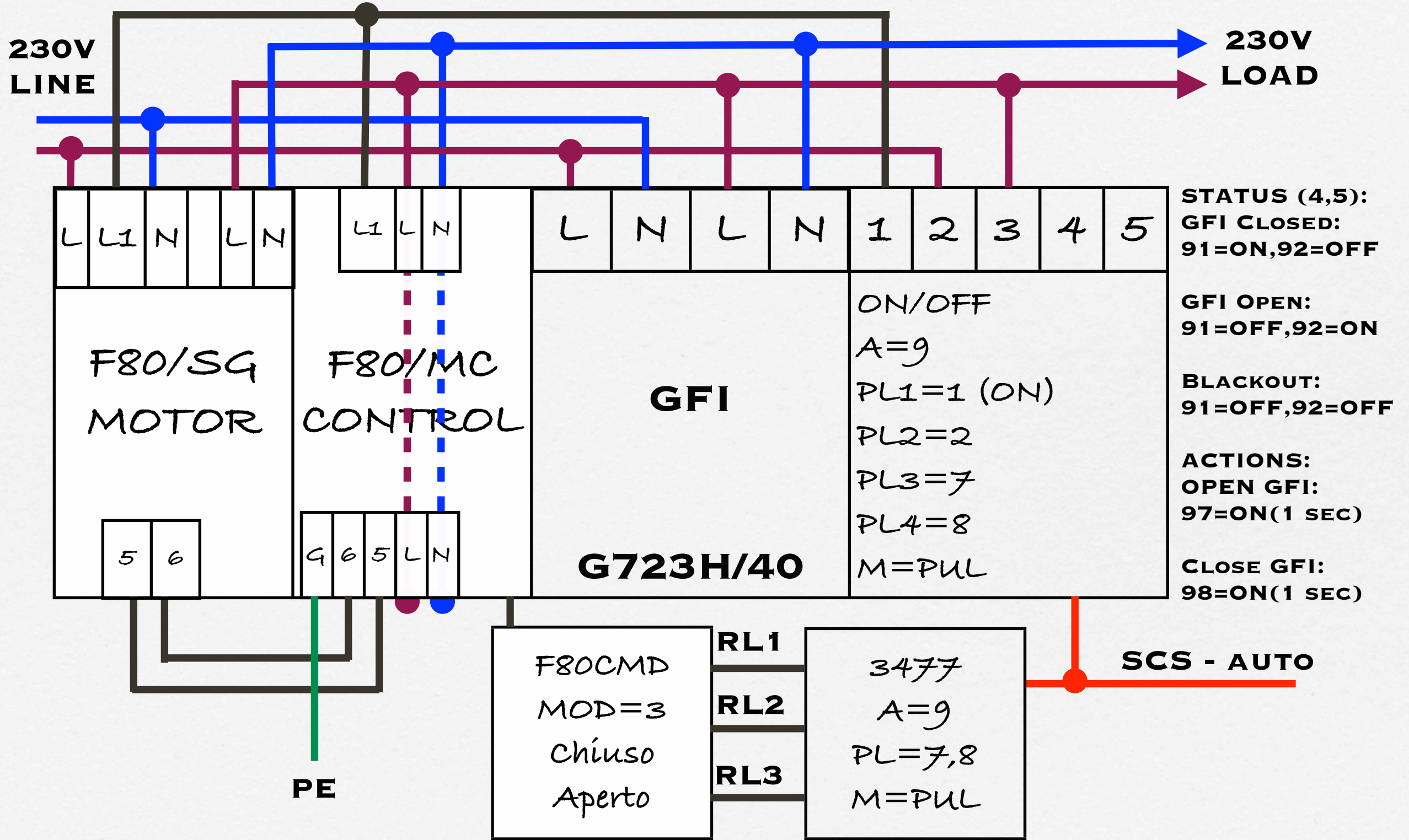


GFI = GROUND FAULT INTERRUPTER, MEASURES THE DIFFERENCE BETWEEN THE CURRENTS IN THE LINE AND RETURN WIRES.

MOTOR DIAGRAM



STOP&GO DIAGRAM



STOP&GO DIAGRAM

The Stop&Go consists of a motor (F80/SG), a control unit (F80/MC), and a signaling interface (F80CMD). It is designed to automatically rearm the GFI (G723H/40) when it opens by a fault to ground. After two consecutive attempts to rearm it stops trying and it signal for manual intervention

The actuator (F411/4) is configured to trigger the GFI open, to pulse the motor to close the GFI and as memory to record the GFI status. The command 3477 checks the signals of F80CMD to determine the status of the GFI: close, Open, and line blackout.

SCS Addresses

- GFI status: (, 3477 and F411/4, terminals 2 is closed and 3 is opened)

A=9, PL1=1, PL2=2, M=PUL

Closed GFI: 91 (ON),

Opened GFI: 92

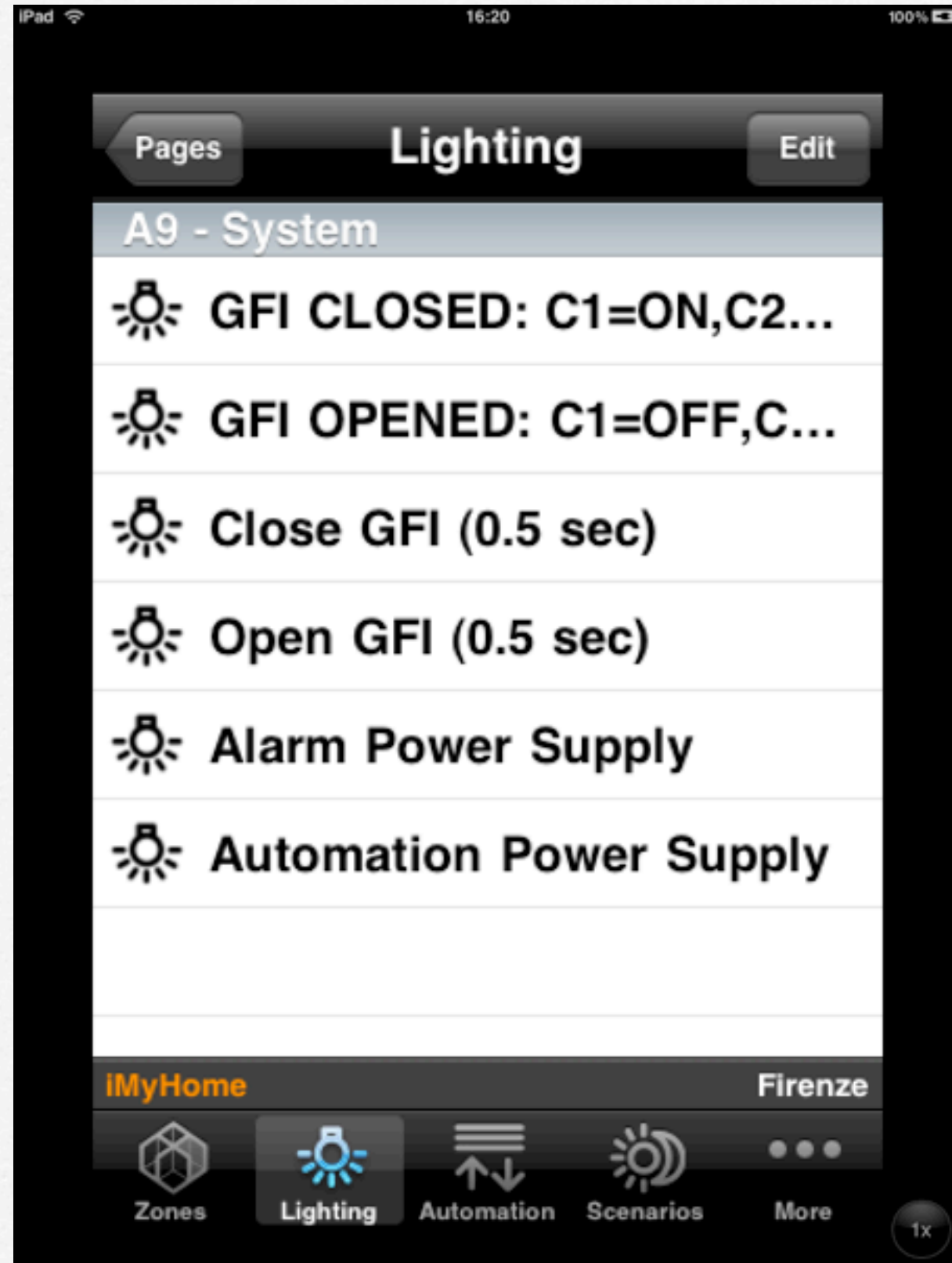
- GFI actions: (F411/4, terminals 4&5)

A=9, PL3=7, PL4=8, M=PUL

close GFI = 97 (0.5 sec)

open GFI = 98 (0.5 sec)

iMyHome Screens (1)



iMyHome Screens (2)

L97=ON

L98=ON



CONCLUSIONS

- The SCS bus automation or alarm are capable of monitoring the status of a GFI (closed and opened). A status closed=off AND opened=off indicates a line blackout.
- THE SCS bus can control GFIs with open web commands UP, and DOWN .

Links (In Italian)

- stop&go with MyHome - 1 Introduction
- stop&go with MyHome - 2 Blackout
- How to open a GFI with MyHome remotely