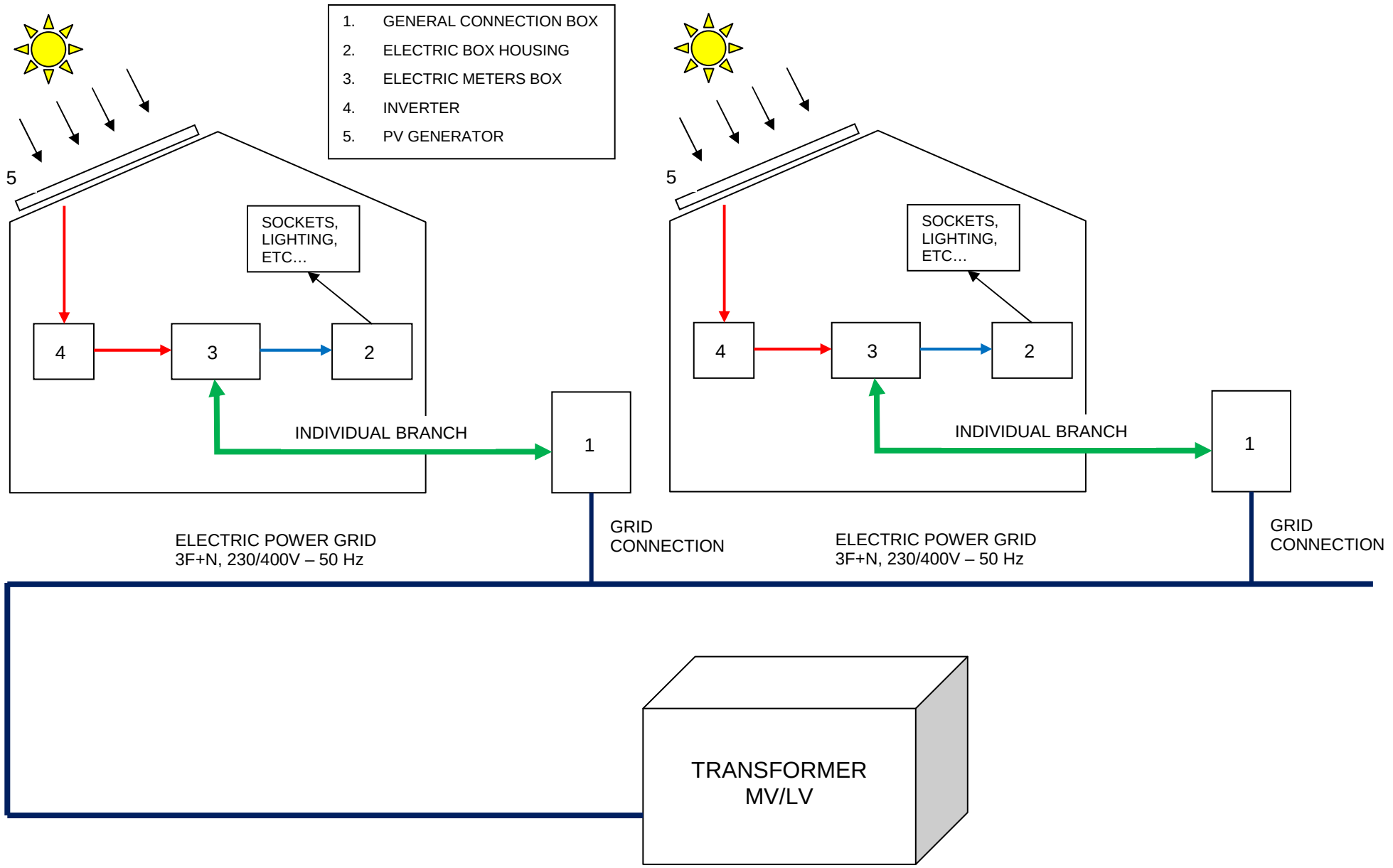
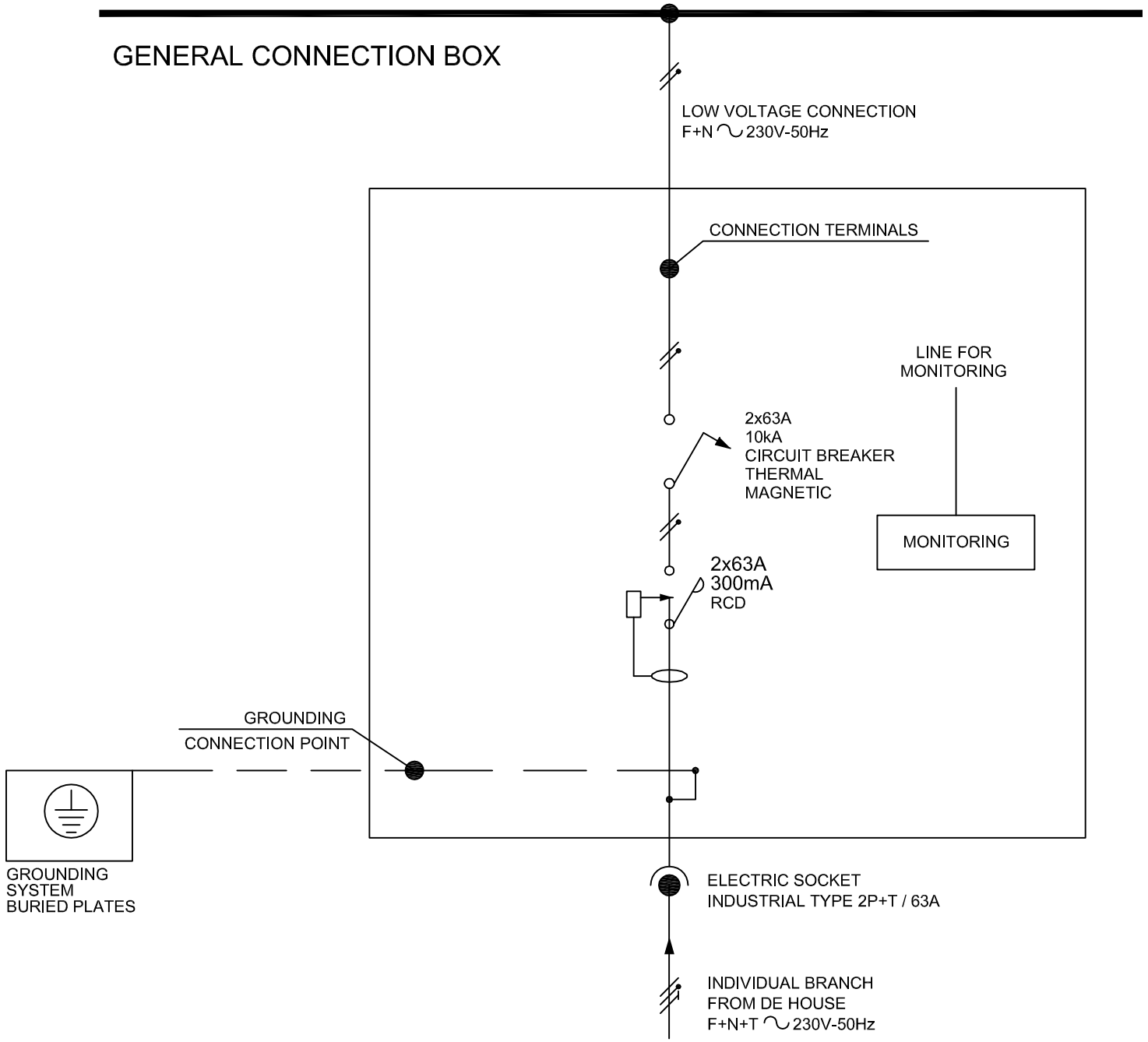
VILLA SOLAR GRID

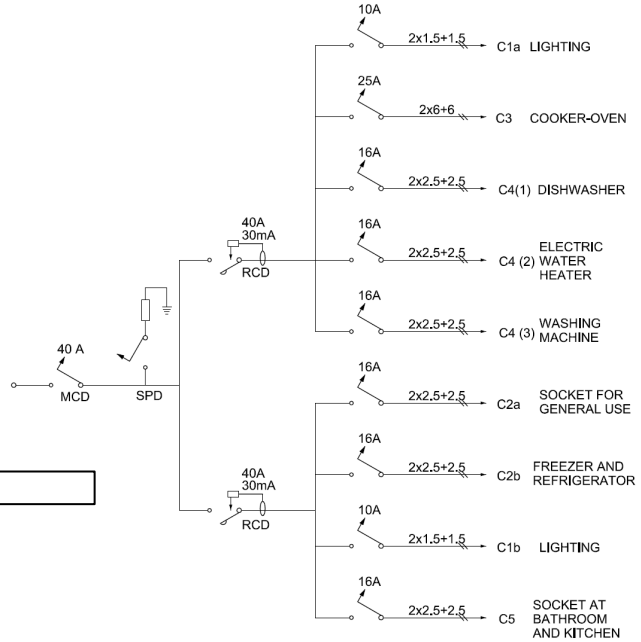


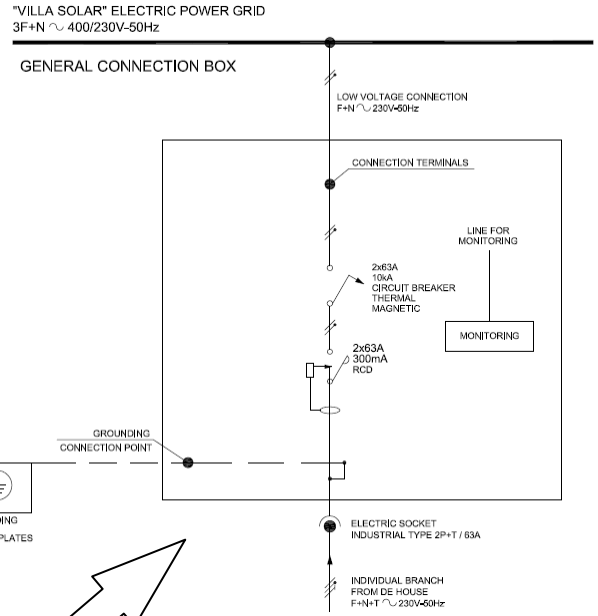
"VILLA SOLAR" ELECTRIC POWER GRID
3F+N ∿ 400/230V-50Hz



ELECTRICAL CONNECTION OF THE HOUSES TO THE VILLA SOLAR GRID

The various interior circuits of the house must present protections against overload and short circuit (thermal magnetic circuit breaker, MCB or MCCB) and against imbalance (residual current circuit breaker, RCD).





Cables 450/750V

H07Z1-K(AS)

Cables 0,6/1KV

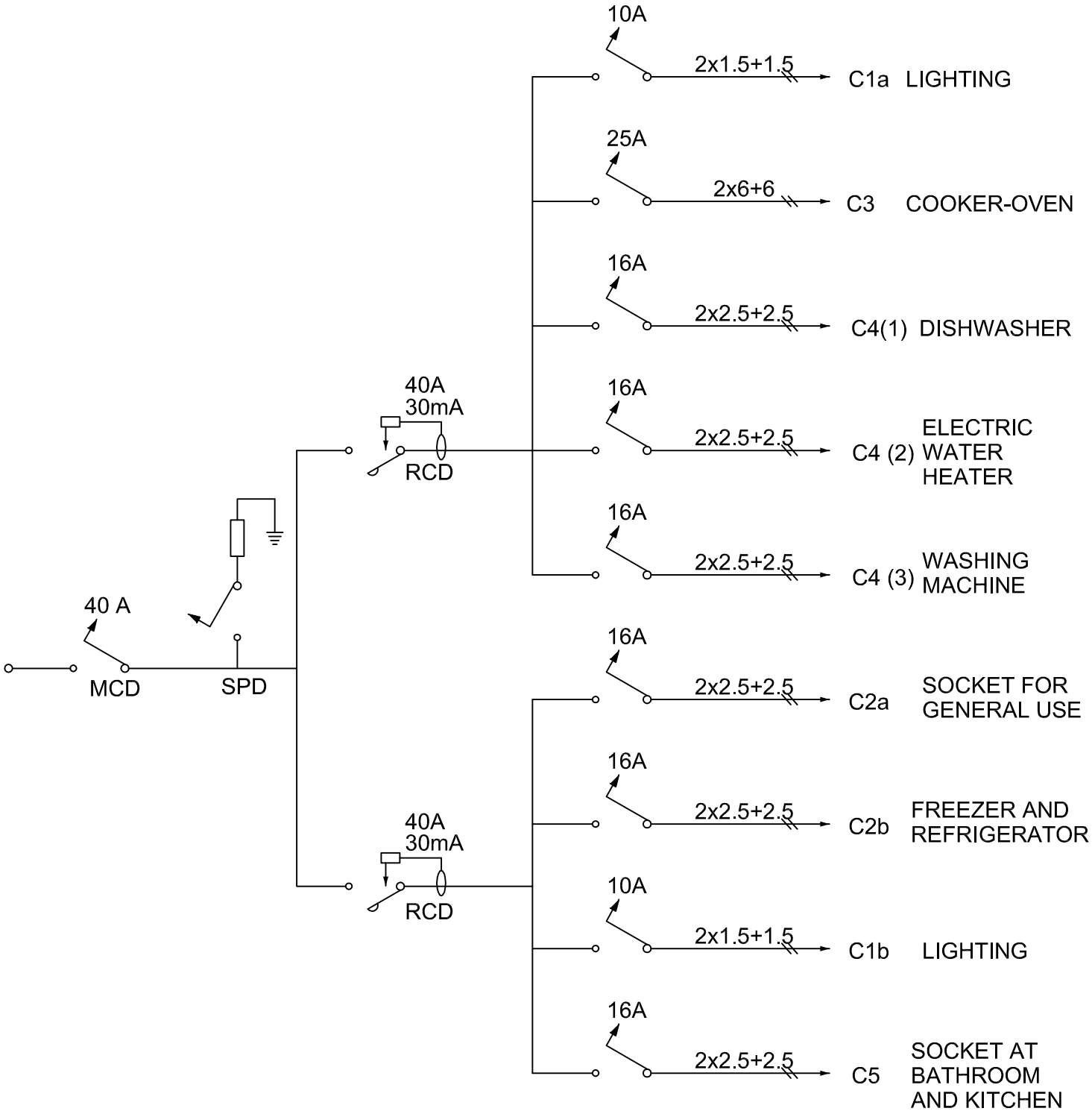
RZ1-K (AS)

Derivación individual

1. GENERAL CONNECTION BOX
2. ELECTRIC BOX HOUSING
3. ELECTRIC METERS BOX
4. INVERTER
5. PV GENERATOR

Cables 0,6/1kV

RV-K


10A
2x1.5+1.5
C1a LIGHTING
25A
2x6+6
C3 COOKER-OVEN
16A
2x2.5+2.5
C4(1) DISHWASHER
40A
30mA
RCD
16A
2x2.5+2.5
C4 (2) ELECTRIC WATER HEATER
16A
2x2.5+2.5
C4 (3) WASHING MACHINE
40 A
MCD
SPD
16A
2x2.5+2.5
C2a SOCKET FOR GENERAL USE
16A
2x2.5+2.5
C2b FREEZER AND REFRIGERATOR
40A
30mA
RCD
10A
2x1.5+1.5
C1b LIGHTING
16A
2x2.5+2.5
C5 SOCKET AT BATHROOM AND KITCHEN