



## ROLLING GARAGE DOORS

# RADIO CONTROL BOARD SD100Hz



**SIMU-Hz**  
technology

### RADIO CONTROL BOARD FOR ROLLING GARAGE DOORS

- **COMPATIBLE WITH SINGLE-PHASE MOTORS:** the radio control board SD100Hz can be used to control single-phase SIMU motors not exceeding 1100W.
- **INDISPENSABLE ACCESSORIES FOR USER SAFETY:** a safety edge (optical or resistive), 2 sets of photocells, an orange flash light and/or a area lighting.
- **A SAFE WIRING:** 230V area clearly separated from 24V, disconnectable terminals, and each input is clearly identified.
- **LESS THAN 2 MINUTES TO SET:** 4 pre-set parameters (working mode, auxiliary output, safety edge and photocells).
- **COMPATIBLE WITH HZ CONTROL POINTS:** SD100Hz can be controlled from TSA Hz or from SA Hz radio keypad.

## TECHNICAL CHARACTERISTICS

### ◦ GENERAL CHARACTERISTICS

**POWER SUPPLY:** 220-230 Vac - 50/60 Hz

**MAXIMUM MOTOR OUTPUT:** 1100 W - 230 Vac

**MOTOR SAFETY FUSE:** 5 AT - 250 V

**OPERATING CLIMATE CONDITIONS:** - 20° C / + 60° C - IP 44

**RADIO FREQUENCY:** 433.42 MHz, < 10 mW

**NUMBER OF CHANNELS THAT CAN BE MEMORISED:** 40

**ELECTRICAL INSULATION:** Category 1

**PROGRAMMING INTERFACE:** 4 buttons – 10 indicator lights

### ◦ CONNECTIONS

**PROGRAMMABLE SAFETY INPUTS:** Dry contact: NC

X/RX photoelectric cells - Reflex cell

**WIRED CONTROL INPUT:** Dry contact: NO

**AUXILIARY OUTPUT:** Programmable orange light or remote lighting

Orange light: 230 Vac auto-flashing

Offset lighting: Dry contact // Max. 230 V – 500 W

- either 5 fluocompact or LED lights

- or 2 power supplies for low-voltage LEDs

- or 1 halogen light, max. 500 W

**ACCESSORIES POWER SUPPLY OUTPUT:** 24 Vdc - 200 mA

**SAFETY EDGE OUTPUT:** Optical wired or resistive wired 1.2 k  $\Omega$  / 8.2 k  $\Omega$

### ◦ OPERATION

**FORCED OPERATING MODE:** By pressing the "+" and "-" buttons in motor setting mode

**INDEPENDENT REMOTE LIGHTING CONTROL:** Yes

**LIGHTING TIME DELAY (AFTER MOVEMENT):** 60 seconds

**AUTOMATIC CLOSING MODE:** Yes

**ORANGE LIGHT WARNING:** 2 seconds

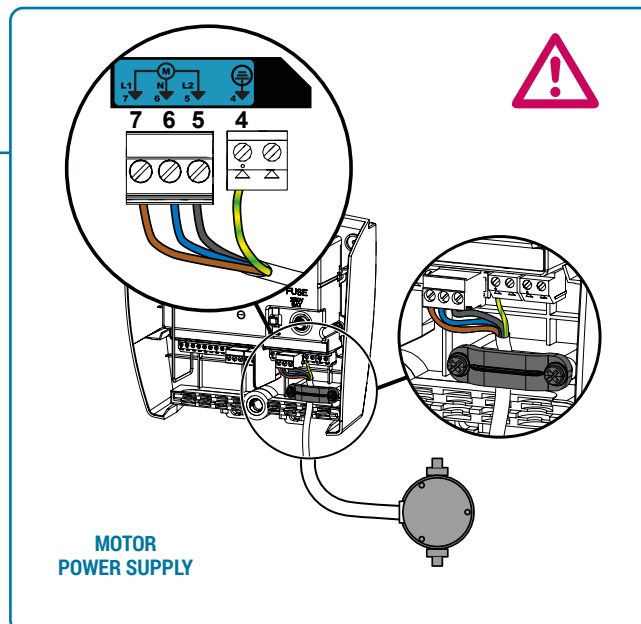
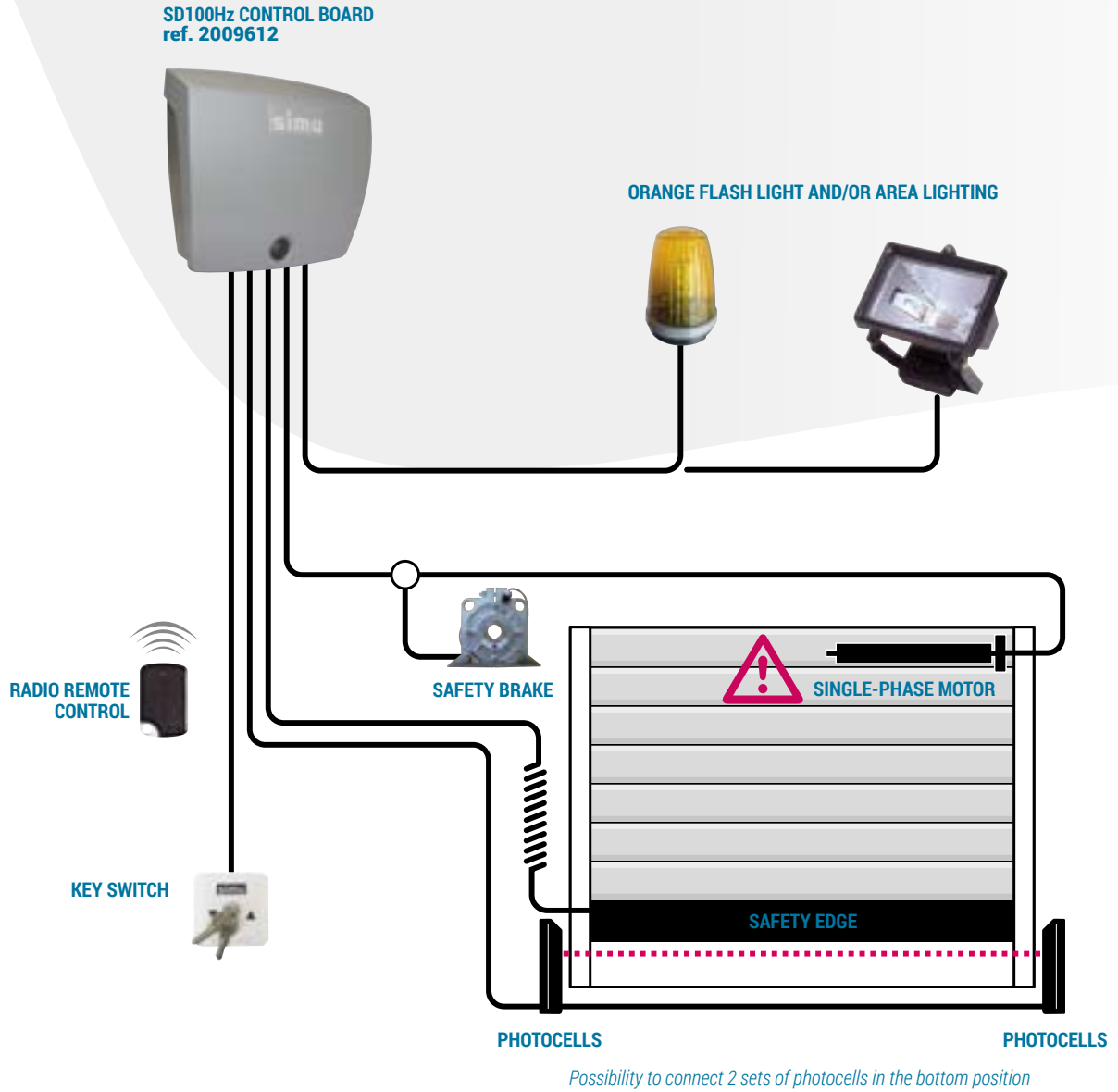
## REFERENCE

DESCRIPTION	REFERENCE
SD100Hz	2009612

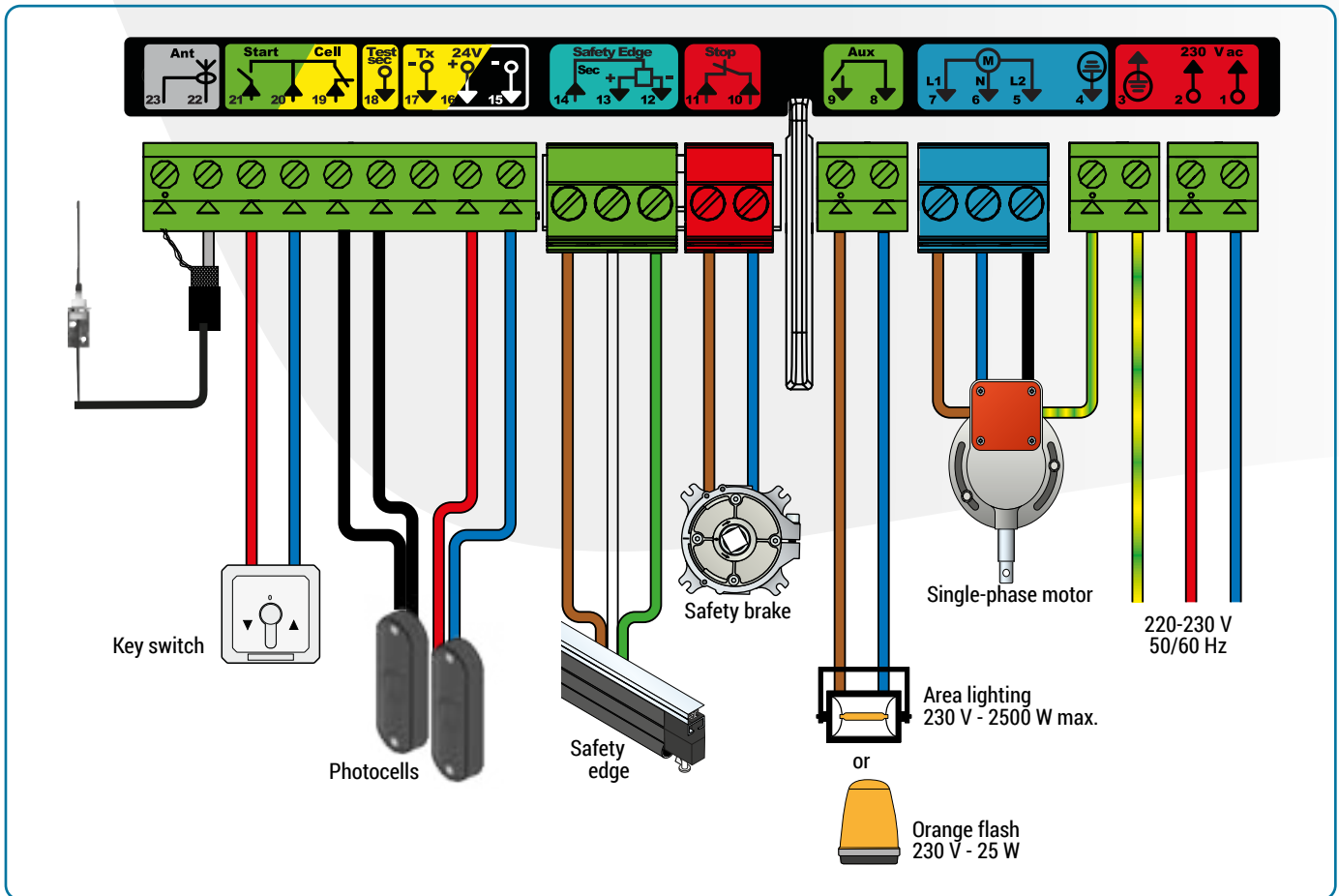
## RECOMMENDED RADIO CONTROL POINTS



# INSTALLATION



## PLAN GÉNÉRAL DE CÂBLAGE



## LED DIAGNOSTIC



**SIMU**

ZONE INDUSTRIELLE LES GIRANAUX  
70100 ARC-LÈS-GRAY  
FRANCE

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