ROLLING DOORS

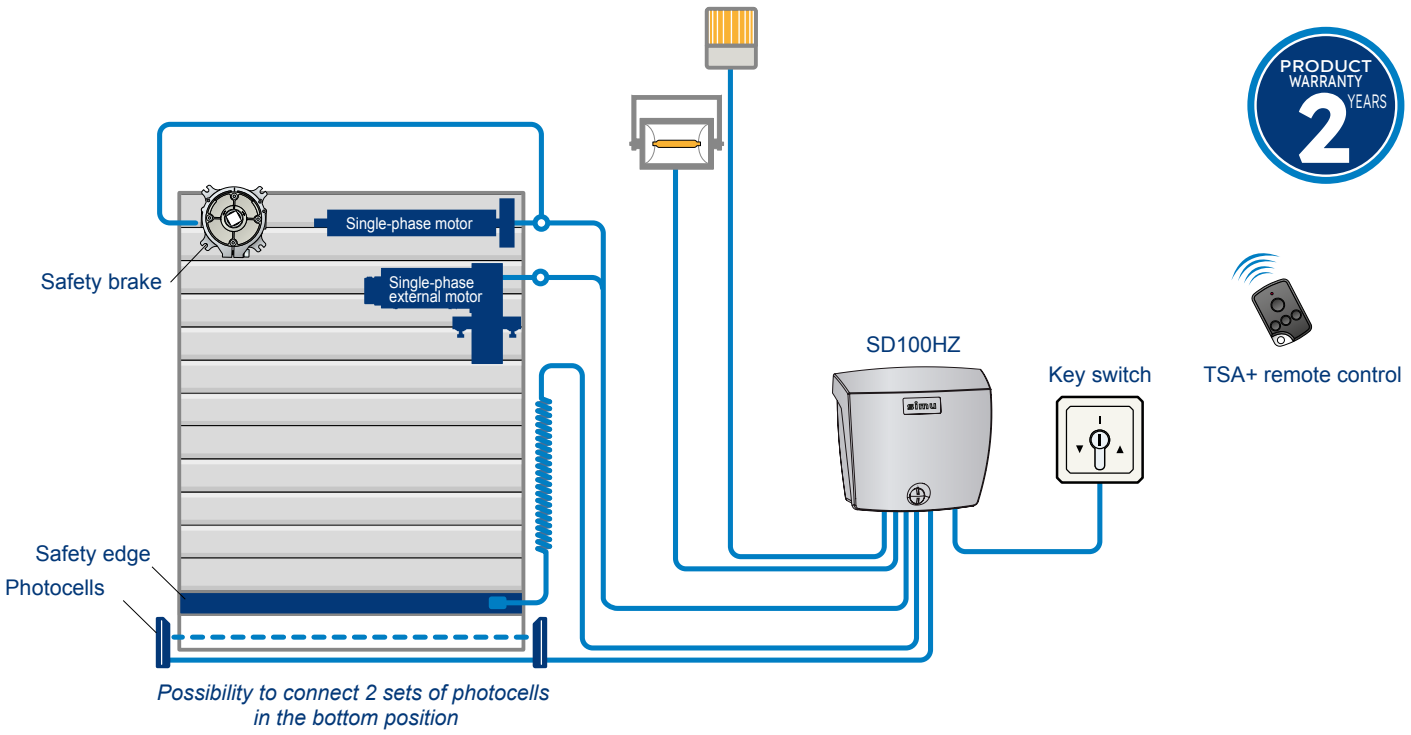
Radio control board
SD100HZ

Radio control board for indutrial closures.

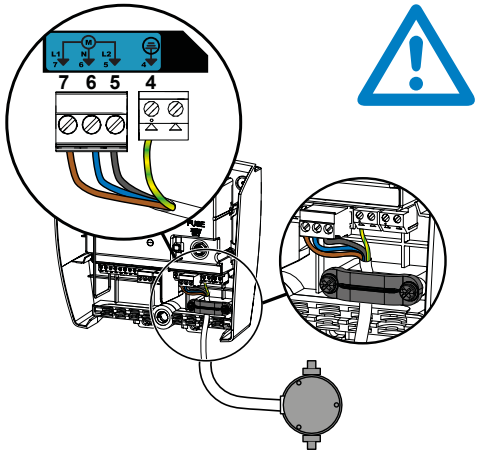
- COMPATIBLE WITH SINGLE-PHASE MOTORS: the radio control board SD100Hz can be used to control single-phase SIMU motors not exceeding 1100W.
- INDISPENSABLE ACCESSORIES FOR USER SAFETY: a safety edge (optical or resistive), 2 sets of photocells, an orange flash light and/or a area lighting.
- A SAFE WIRING: 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 HZ 2C keypad.

simu

Installation



MOTOR POWER SUPPLY



Recommanded radio control points

Radio remote control TSA+ (4 channels)

Radio remote control TSA 2C (2 channels)

HZ wall transmitter sequential (3 channels)

HZ 2C keypad (2 channels)

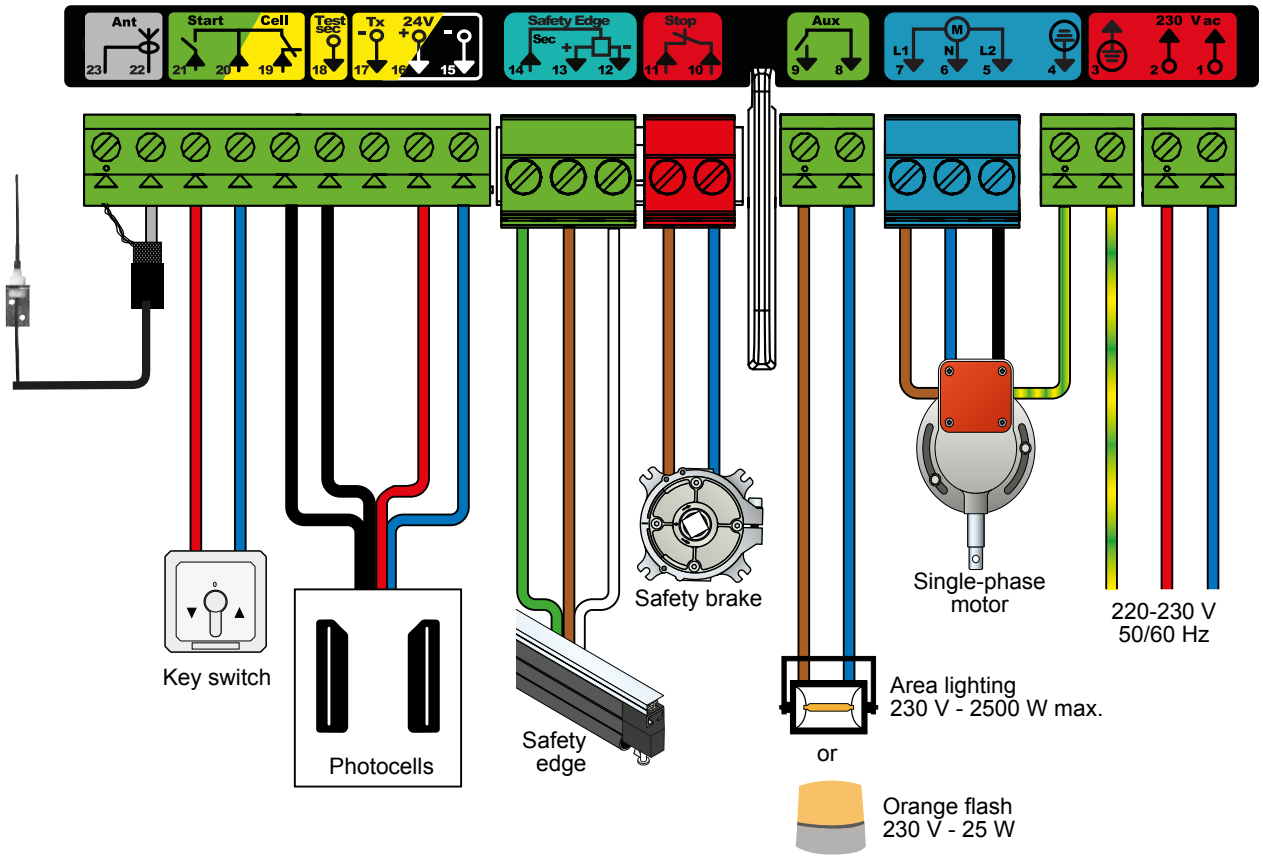
References

DESCRIPTION	REFERENCE x 1
SD100HZ	**2009612**

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 Ω / 8.2 k Ω
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

General wiring plan



LED diagnostic

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