



AUTOMATION UNDER CONTROL

RELÈ STATICI

BISTABILI

SERIE SMB170 - SMB171

STEP SOLID STATE RELAYS

BISTABLE

SMB170 - SMB171 SERIES

SILENZIOSO

SILENT

IDEALE PER LA
DOMOTICA

IDEAL FOR
**HOME
AUTOMATION**



- Dimensioni compatte - 1 modulo DIN(17,5mm)
- Montaggio su guida DIN
- Tensione alimentazione universale 20-75VDC / 20-240VAC
- Tensione ingresso impulso universale 20-75VDC / 20-240VAC
- LED Alimentazione
- LED ON / OFF uscita
- Alimentazione e ingresso impulso separati e isolati
- Corrente nominale 5A a 50°C
- Tensione uscita da 12V a 275VAC
- Commutazione zero crossing o istantanea
- Uscita a doppio SCR
- Protezione uscita con filtro RC e varistore
- Isolamento ingresso uscita 2500V

- Compact size - 1 module DIN (17,5mm)
- DIN rail mounting
- Universal power supply voltage 20-75VDC / 20-240VAC
- Universal pulse input voltage 20-75VDC / 20-240VAC
- Power On LED
- Output ON / OFF LED
- Power supply and pulse input separated and isolated
- Rated operational current up to 5A at 50°C
- Output voltage from 12 to 275VAC
- Zero crossing or instantaneous commutation
- Back to back SCR
- Protected output with RC filter and varistor
- 2500V input-output insulation

| Modello Model | Tensione di uscita Output voltage | Corrente di uscita Output current | Tensione alimentazione Power supply voltage | Tensione ingresso impulso Pulse input voltage | Tipo di commutazione Type of commutation |
|---------------------|--------------------------------------|--------------------------------------|------------------------------------------------|--------------------------------------------------|---------------------------------------------|
| SMB170-05240 | 12-275VAC | 5A (Ta=50°C) | 20-240VAC / 20-75VDC | 20-240VAC / 20-75VDC | Zero crossing |
| SMB171-05240 | 12-275VAC | 5A (Ta=50°C) | 20-240VAC / 20-75VDC | 20-240VAC / 20-75VDC | Istantanea / Instant |

NB. In caso di più SSR montati fianco a fianco si deve considerare un derating della corrente di uscita.

In case of many SSRs side by side, a derating of output current should be considered.

FUNZIONI - FUNCTIONS Ad ogni impulso (S1-S2) il relè cambia posizione da chiuso ad aperto e viceversa.

After every impulse (S1-S2), the output contact changes state, alternately switching from open to closed and viceversa.

RELÈ STATICI

BISTABILI

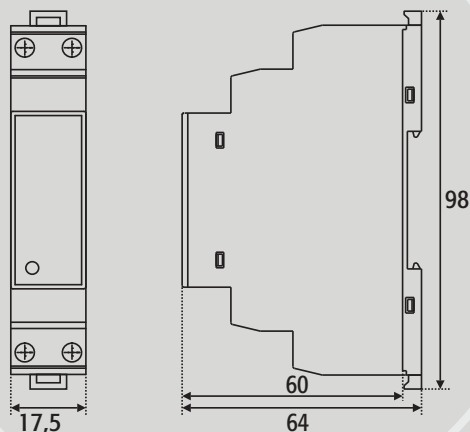
SERIE SMB170 - SMB171

STEP SOLID STATE RELAYS

BISTABLE

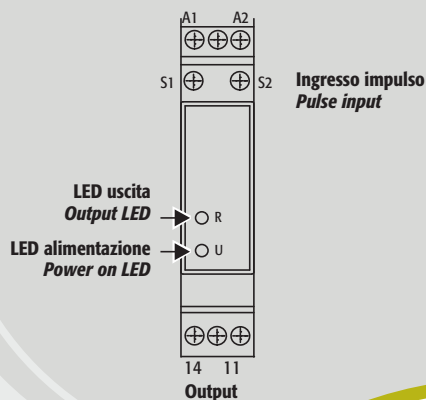
SMB170 - SMB171 SERIES

DIMENSIONI (mm) - DIMENSIONS (mm)

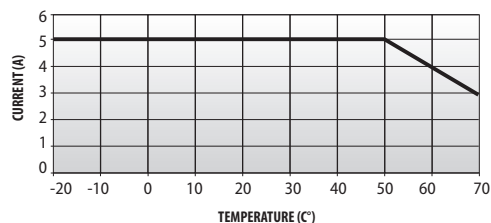


DESCRIZIONE - DESCRIPTION

Alimentazione - Power supply



CURVE DERATING - DERATING CURVE



FUNZIONI - FUNCTIONS

ALIMENTAZIONE / POWER SUPPLY

A1-A2



INGRESSO IMPULSO / PULSE INPUT

S1-S2



USCITA / OUTPUT

11-14



**CONFORMI ALLE NORMATIVE EC
CONFORMING TO EC STANDARDS:**
HD419.2S1 / CEI 17.38 / IEC 158-2
CEE 73-23 CEE 93-68



ELCO srl

Via Lago di Molveno, 20 - 36015 Schio (VI) Italy

Tel. +39 0445 661722 - Fax +39 0445 661792

www.elco-italy.com

sales@elco-italy.com - export@elco-italy.com