

BH4-SSTRI8-230

8-channel receiver with triac output

Module load: 8 x 10 Watt

For mounting on DIN-rail (EN50022)

LED-indications for supply, smart-house carrier and outputs

AC power supply

H4-housing

Address coding by BGT-COD-BAT



MODE OF OPERATION

8-channel receiver with 8 normally open solid state outputs. Each output is coded by means of the code programmer BGT-COD-BAT. For changing the default setting, please refer to the datasheet on BGT-COD-BAT.

The outputs are normally OFF. When a transmitter coded to the selected channel is activated, the output turns ON. When the selected channel is disabled, the output turns off. The default setting is such that upon loss of smart-house bus carrier all the outputs go OFF.

OUTPUT SPECIFICATIONS

| | |
|--------------------------|-----------------|
| Outputs | Triac |
| Total load | 8 x 10 W |
| Minimum load | 5mA/230 VAC |
| Short circuit protection | NO |
| Dielectric voltage | |
| Outputs - smart-house | ≥ 4 kVAC (rms) |
| Response time | ≤ 1 pulse train |

TYPE SELECTION

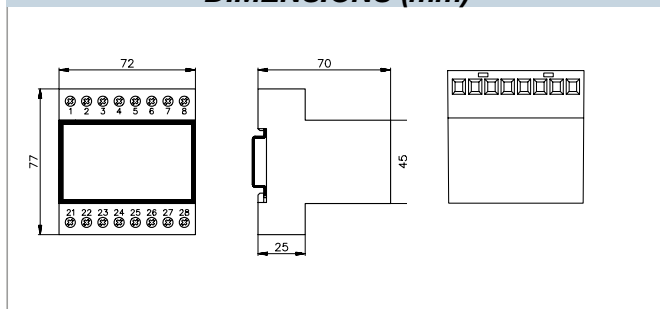
| | |
|---------------|--------------------|
| Supply | Ordering no |
| 230 VAC | BH4-SSTRI8-230 |

SUPPLY SPECIFICATIONS

| | |
|---|---|
| Power supply | Oversvoltage cat. III (IEC 60664) |
| Rated operational voltage through term. 21 & 22 | 230 VAC, +/- 10% (IEC 60038) |
| Frequency | 45 to 65 Hz |
| Rated operational power | Typ. 3.0 VA |
| Power dissipation | ≤ 4 W |
| Rated impulse withstand voltage | 4 kV |
| Dielectric voltage | |
| Supply - smart-house | ≥ 4 kVAC (rms) |
| Fail polarity state delay | |
| Upon loss of smart-house carrier | ≤ 20 ms |
| Power ON delay | typ. 2 s. |
| Indication for: | |
| supply ON | LED, green |

| | |
|----------------------------------|--------------------------------|
| smart-house carrier output ON | LED, yellow |
| | LED, red (one per output) |
| Environment | |
| Degree of protection | IP20 |
| Pollution degree | 3 (IEC 60664) |
| Operating temperature | -5 to + 50°C (+23° to +122°F) |
| Storage temperature | -50 to + 85°C (-58° to +185°F) |
| Humidity (non-condensing) | 20 to 80% |
| Mechanical resistance | |
| Shock | 5 G (11 ms) |
| Vibration | 2 G (6 to 55 Hz) |
| Housing | H4 |
| Weight | 400 g |

DIMENSIONS (mm)



WIRING DIAGRAM

