GZMB80, GZMB2, GZMB4

Plug-in sockets with spring terminals

NEW

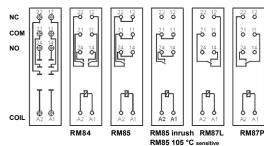**relpol** ® S.A.

GZMB80

- For RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RMB841, RMB851, RM87L, RM87L sensitive, RM87P, RM87P sensitive relays
- Mounting: direct on 35 mm rail mount acc. to PN-EN 60715
- Signs credits: cЯUus
- Rated load: 10 A / 300 V AC
- Insulation dielectric strength: 4 000 V AC
- Two poles, 5 mm pinout
- Dimensions: 97 x 16 x 45,2(69) mm ❷
- Weight: 41,8 g
- Operating temperature: -40...+85 °C
- Protection category : IP 20
- Max. cross section of the cables (stranded): 1 x 0,2...1,5 mm² (1 x 24...16 AWG)
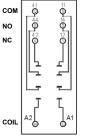- Length of the cable deinsulation: 9...11 mm

Connection diagrams ❶

RM84 | RM85 | RM85 inrush RM85 105 °C sensitive | RM87L | RM87P

GZMB80-0040 | TR | Module type M... | GZM80-0041

Accessories

GZMB2

- For R2 relays
- Mounting: direct on 35 mm rail mount acc. to PN-EN 60715
- Signs credits: ЯU, CSA
- Rated load: 10 A / 300 V AC
- Insulation dielectric strength: 4 000 V AC
- Two poles
- Dimensions: 97 x 16 x 45,2(69) mm ❷
- Weight: 65 g
- Operating temperature: -25...+85 °C
- Protection category : IP 20
- Max. cross section of the cables (stranded): 1 x 0,2...1,5 mm² (1 x 24...16 AWG)
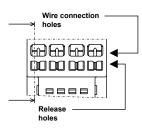- Length of the cable deinsulation: 9...11 mm

Connection diagram

Wire connection ❸

Wire connection holes

Release holes

GZMB4-0040 | TR | Module type M... | G4 1052

Accessories

GZMB4

- For R4, T-R4 relays
- Mounting: direct on 35 mm rail mount acc. to PN-EN 60715
- Signs credits: ЯU, CSA
- Rated load: 10 A / 300 V AC
- Insulation dielectric strength: 4 000 V AC
- Four poles
- Dimensions: 97 x 16 x 45,2(69) mm ❷
- Weight: 75 g
- Operating temperature: -25...+85 °C
- Protection category : IP 20
- Max. cross section of the cables (stranded): 1 x 0,2...1,5 mm² (1 x 24...16 AWG)
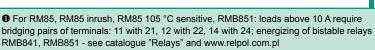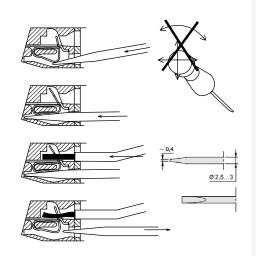- Length of the cable deinsulation: 9...11 mm

Connection diagram

Wire connection ❸

Wire connection holes

Release holes

GZMB4-0040 | TR | Module type M... | G4 1052 | TR4-2000

Accessories ❹

❶ For RM85, RM85 inrush, RM85 105 °C sensitive, RMB851: loads above 10 A require bridging pairs of terminals: 11 with 21, 12 with 22, 14 with 24; energizing of bistable relays RMB841, RMB851 - see catalogue "Relays" and www.relpol.com.pl

❷ In the bracket the height of socket with retainer / retractor clip is shown.

Wire connection ❸

Dimensions

GZMB80 + RM84

Dimensions

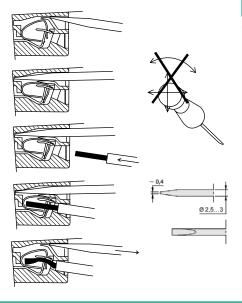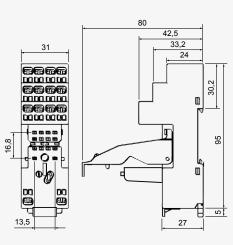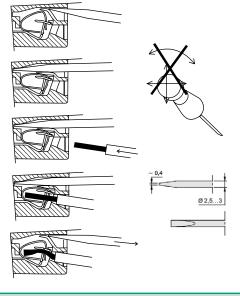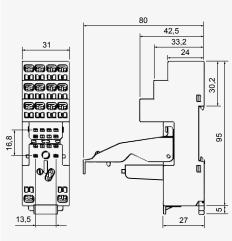### GZMB2 + R2

Dimensions

GZMB4 + R4

❸ The drawings present the sequence of operations in course of inserting wires to the spring terminal, and the recommended screwdriver to be used for opening of case springs, comply with the DIN 5264 FORM „A".

❹ For R4 relays: G4 1052, GZMB-0040, TR, module type M...
For T-R4 relays T-R4: TR4-2000, TR

The offer of Relpol S.A. includes the following products:

- **subminiature signal relays**
  rated switching capacity: from 1 A to 3 A, coil voltage range: from 3 V to 48 V DC

- **miniature relays**
  rated switching capacity: from 5 A to 20 A

- **industrial relays**
  rated switching capacity: from 5 A to 48 A, mounting: to plug-in sockets
  on 35 mm rail mount acc. to PN-EN 60715 or on panel mounting, for PCB

- **interface relays**
  rated switching capacity: from 0,5 A to 16 A, number of contacts: from 1 to 4

- **plug-in sockets for relays**
  for PCB, for 35 mm rail mount acc. to PN-EN 60715 or on panel mounting

- **contactors**
  rated switching power: from 2,2 kW to 200 kW /at 400 V/

- **motor protection circuit breakers**
  setting range: from 0,1 A to 63 A

- **time relays**
  single- and multifunction time relays, wide range of time adjustments

- **monitoring relays**
  monitoring of current, voltage, temperature, level

- **NEED programmable relays**
  versions: 8 inputs / 4 relay outputs, 16 inputs / 8 relay outputs, with LCD display,
  without LCD display, supply voltages: 12 V DC, 24 V DC, 220 V DC, 230 V AC,
  programming: LAD, STL, LED indicators of the relay and input / output status

- **DIN rail power supply**
  for automation systems, output circuit: 12 V DC, 24 V DC, rated currents: from 1,5 A to 20 A

- **solid state relays**
  rated load currents: from 1 A to 100 A, switching at zero or at any time

- **overvoltage arresters**
  classes I, II and III, available with changeover signal contact

- **CZIP-PRO protection relays**
  digital protection, automation, measurement, control and communication system
  for MV switchgears

- **SMP system**
  radiation portal monitors

Due to the permanent development policy, Relpol S.A. reserves the right to introduce changes of data and characteristics of the products. The devices shall be operated by skilled personnel in accordance with the regulations in force pertaining to electrical systems. The technical data are of informational nature. Thus, Relpol S.A. does not accept any liability for inappropriate use of the presented products.

PRECAUTIONS
1. Ensure that the parameters of the product described in its specification provide a safety margin for the appropriate operation of the device or system and never use the product in circumstances which exceed the parameters of the product.
2. Never touch any live parts of the device.
3. Ensure that the product has been connected correctly. An incorrect connection may cause malfunction, excessive heating or risk of fire.
4. In case of any risk of any serious material loss or death or injuries of humans or animals, the devices or systems shall be designed so to equip them with double safety system to guarantee their reliable operation.

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