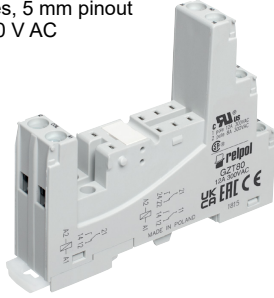


# Sockets and accessories

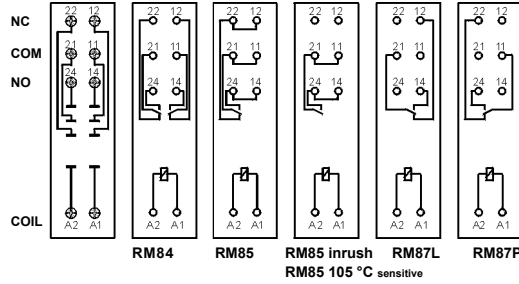
## GZT80

For RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RM87L, RM87L sensitive, RM87P, RM87P sensitive

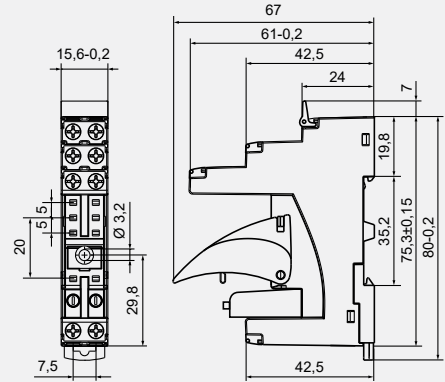
Screw terminals  
Max. tightening moment for the terminal: 0,7 Nm  
35 mm rail mount acc. to EN 60715  
or on panel mounting  
80 x 15,6 x 61(67) mm  
Two poles, 5 mm pinout 12 A, 300 V AC



### Connection diagrams ③



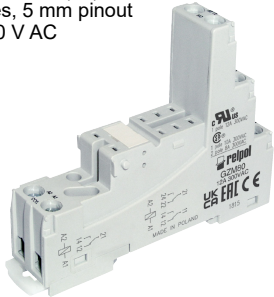
### Dimensions



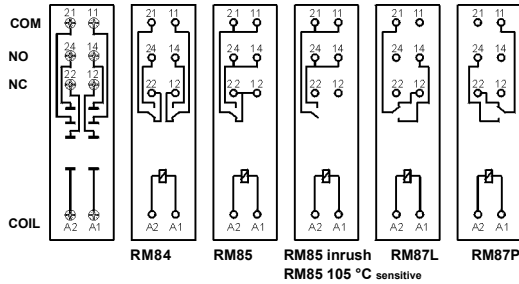
## GZM80

For RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RM87L, RM87L sensitive, RM87P, RM87P sensitive

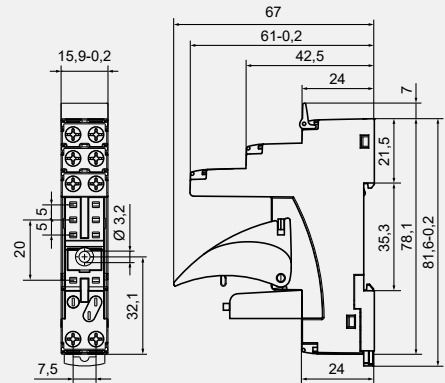
Screw terminals  
Max. tightening moment for the terminal: 0,7 Nm  
35 mm rail mount acc. to EN 60715  
or on panel mounting  
81,6 x 15,9 x 61(67) mm  
Two poles, 5 mm pinout 12 A, 300 V AC



### Connection diagrams ③



### Dimensions



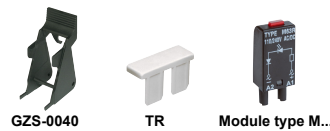
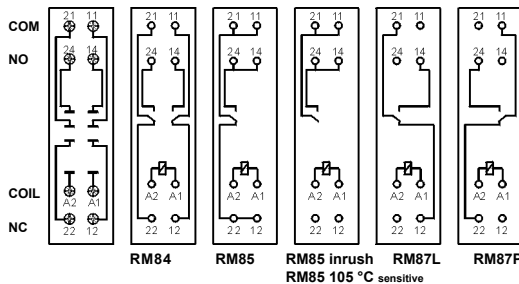
## GZS80

For RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RM87L, RM87L sensitive, RM87P, RM87P sensitive

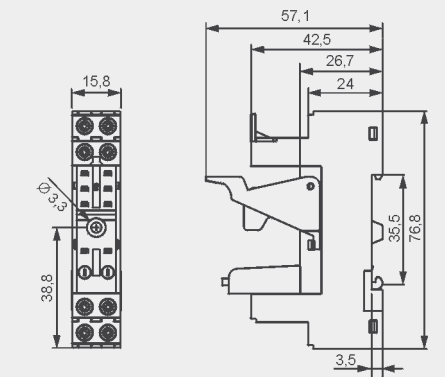
Screw terminals  
Max. tightening moment for the terminal: 0,5 Nm  
35 mm rail mount acc. to EN 60715  
or on panel mounting  
76,8 x 15,8 x 42,5(57,1) mm  
Two poles, 5 mm pinout 10 A, 300 V AC



### Connection diagrams ③



### Dimensions



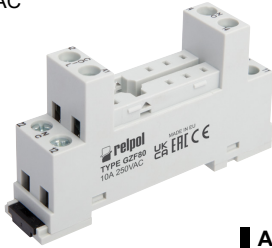
① Mounting and sub-assemblies of accessories in the socket; Signalling / protecting modules type M... - see [www.repol.com.pl](http://www.repol.com.pl) ② In the bracket the height of socket with retainer / retractor clip is shown. ③ For RM85..., RMP85: loads above 12 A (GZT80, GZM80, GZP80) or 10 A (GZS80, GZF80) require bridging pairs of terminals: 11 with 21, 12 with 22, 14 with 24 - see [www.repol.com.pl](http://www.repol.com.pl)

# Sockets and accessories

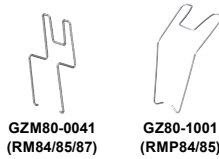
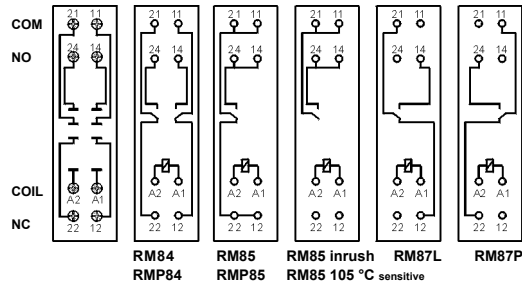
## GZF80

For RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RM87L, RM87L sensitive, RM87P, RM87P sensitive, RMP84, RMP85

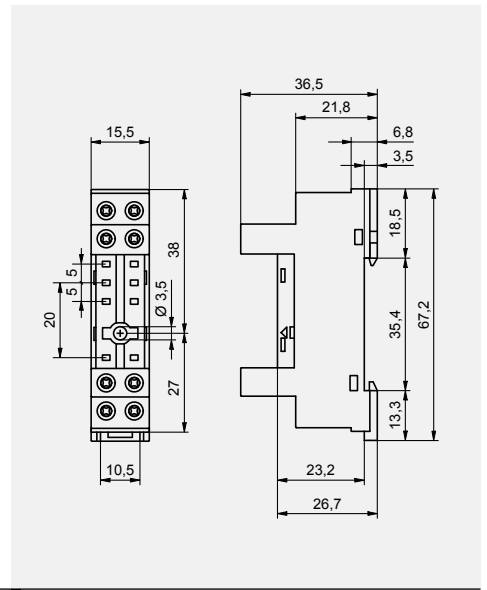
Screw terminals  
Max. tightening moment for the terminal: 0,5 Nm  
35 mm rail mount acc. to EN 60715 or on panel mounting  
67,2 x 15,5 x 36,5 mm  
Two poles, 5 mm pinout 10 A, 250 V AC



### Connection diagrams



### Dimensions



### Accessories

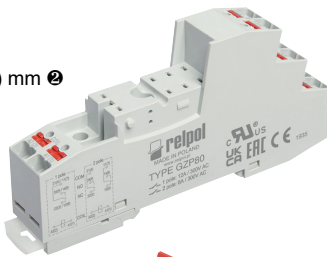
GZM80-0041 (RM84/85/87)  
GZ80-1001 (RMP84/85)

## GZP80

For RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RM87L, RM87L sensitive, RM87P, RM87P sensitive, RMP84, RMP85

Push-in terminals (flammability class V-0)  
Max. cross section of the cables: 2 x 1,5 mm<sup>2</sup> (ferrules without insulation) 2 x 1 mm<sup>2</sup> (ferrules with insulation)  
Stripping length: 8...10 mm

35 mm rail mount acc. to EN 60715 or on panel mounting  
97 x 15,9 x 45,9(75,8) mm  
5 mm pinout  
One pole 12 A, 300 V AC  
Two poles 8 A, 300 V AC



Module type M...

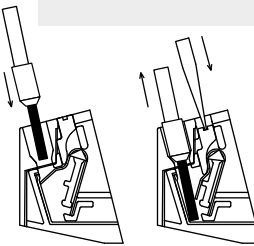
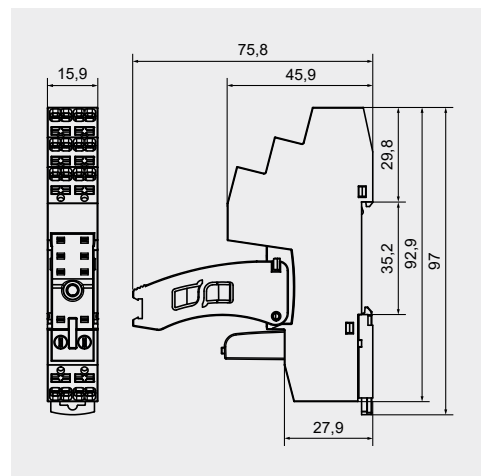


ZGP80-8



### Accessories

### Dimensions



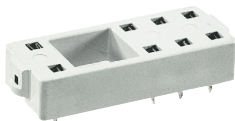
The drawings present inserting wire into the Push-in terminal and removing wire using the button releasing a clamp (assembly without tools).

### Wire connection

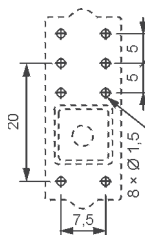
## PW80

For RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RM87L, RM87L sensitive, RM87P, RM87P sensitive, RM83

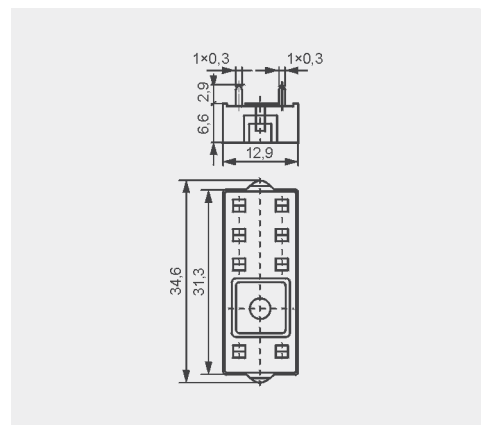
For PCB  
34,6 x 12,9 x 6,6 mm  
Two poles, 5 mm pinout 12 A, 250 V AC



### Pinout



### Dimensions



### Accessories

MH16-2 (RM84/85/87)  
MH25-2 (RM83)

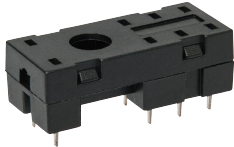
① Mounting and sub-assemblies of accessories in the socket; Signalling / protecting modules type M... - see [www.repol.com.pl](http://www.repol.com.pl) ② In the bracket the height of socket with retainer / retractor clip is shown. ③ For RM85..., RMP85: loads above 12 A (GZT80, GZM80, GZP80) or 10 A (GZS80, GZF80) require bridging pairs of terminals: 11 with 21, 12 with 22, 14 with 24 - see [www.repol.com.pl](http://www.repol.com.pl)

# Sockets and accessories

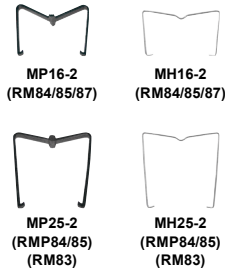
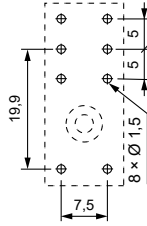
## EW50

For RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RM87L, RM87L sensitive, RM87P, RM87P sensitive, RM83, RMP84, RMP85

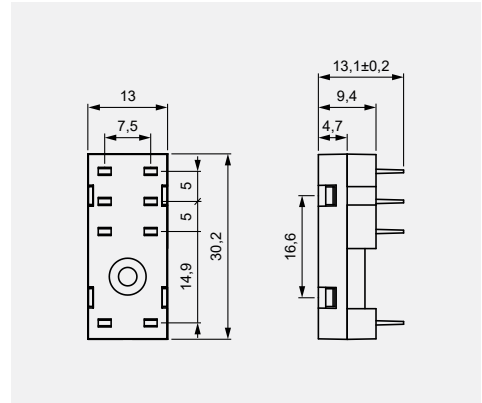
For PCB  
30,2 x 13 x 9,4 mm  
Two poles, 5 mm pinout  
10 A, 250 V AC



### Pinout



### Dimensions

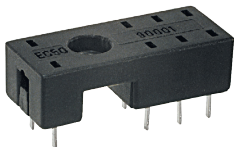


ERC

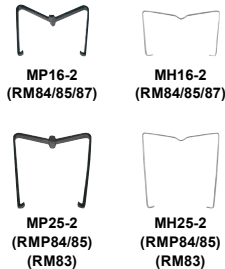
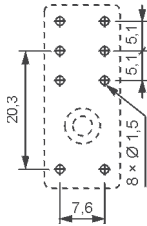
## EC 50

For RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RM87L, RM87L sensitive, RM87P, RM87P sensitive, RM83, RMP84, RMP85

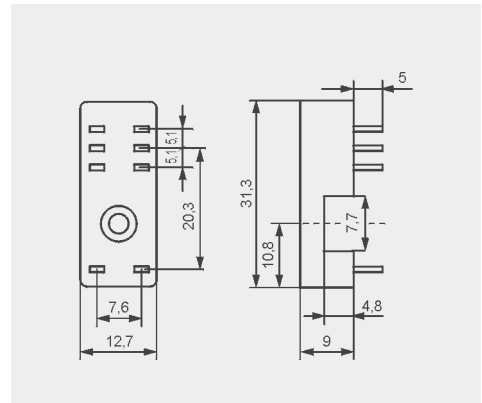
For PCB  
31,3 x 12,7 x 9 mm  
Two poles, 5 mm pinout  
12 A, 250 V AC



### Pinout



### Dimensions



ERC

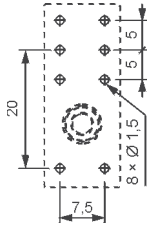
## GD50

For RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RM87L, RM87L sensitive, RM87P, RM87P sensitive, RM83, RMP84, RMP85

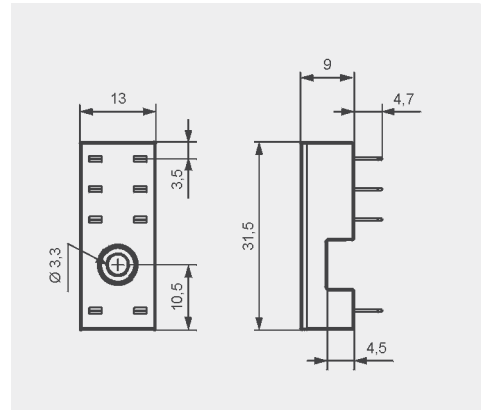
For PCB  
31,5 x 13 x 9 mm  
Two poles, 5 mm pinout  
8 A, 300 V AC



### Pinout



### Dimensions

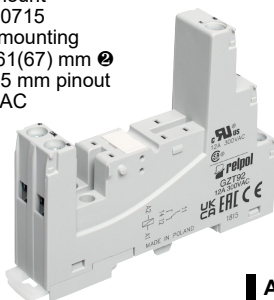


ERC

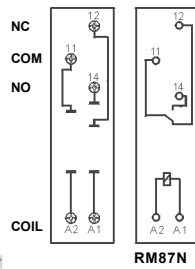
## GZT92

For RM87N, RM87N sensitive

Screw terminals  
Max. tightening moment for the terminal: 0,7 Nm  
35 mm rail mount acc. to EN 60715 or on panel mounting  
80 x 15,6 x 61(67) mm  
One pole, 3,5 mm pinout  
12 A, 300 V AC



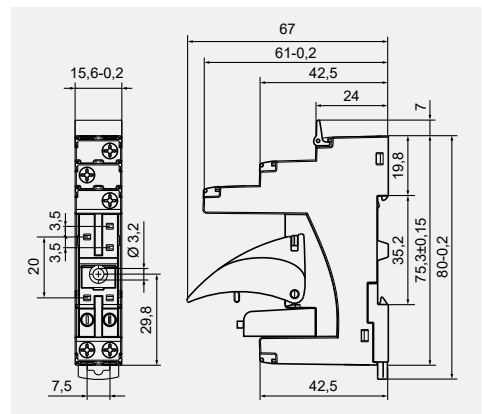
### Connection diagrams



### Accessories



### Dimensions



CE c US ERC UK

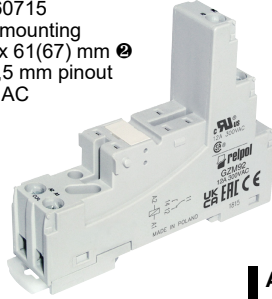
① Mounting and sub-assemblies of accessories in the socket; Signalling / protecting modules type M... - see [www.repol.com.pl](http://www.repol.com.pl)  
② In the bracket the height of socket with retainer / retractor clip is shown.

# Sockets and accessories

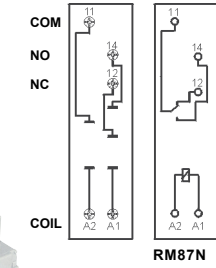
## GZM92

For RM87N, RM87N sensitive

Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
81,6 x 15,9 x 61(67) mm ②  
One pole, 3,5 mm pinout  
12 A, 300 V AC



### Connection diagrams



RM87N



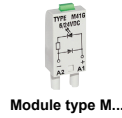
GZP80-0400



GZT80-0040



GZT80-0035



Module type M...

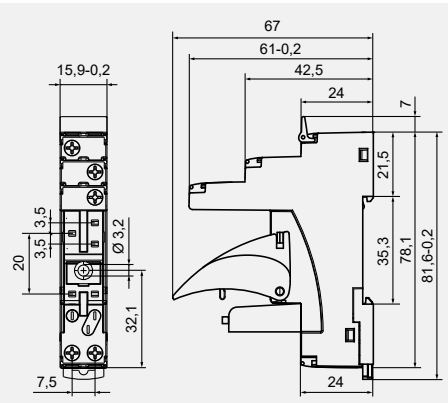


ZGGZ80



GZM80-0041

### Dimensions



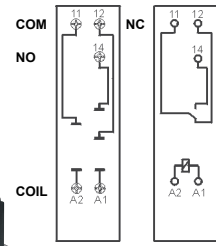
## GZS92

For RM87N, RM87N sensitive

Screw terminals  
Max. tightening moment  
for the terminal: 0,5 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
76,8 x 15,8 x 42,5(57,1) mm ②  
One pole, 3,5 mm pinout  
12 A, 300 V AC



### Connection diagrams



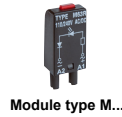
RM87N



GZS-0040



TR



Module type M...

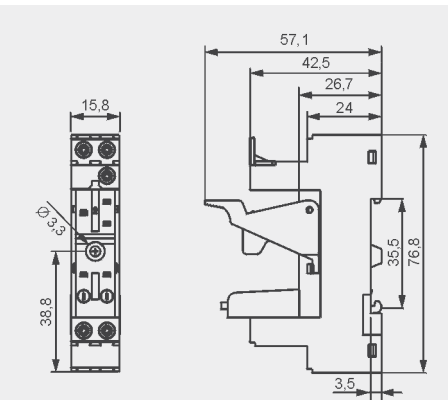


ZGGZ80



GZM80-0041

### Dimensions



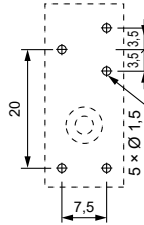
## EW35

For RM84, RM85, RM85 inrush,  
RM85 105 °C sensitive,  
RM87L, RM87L sensitive,  
RM87P, RM87P sensitive,  
RM83, RMP84, RMP85

For PCB  
30,2 x 13 x 9,4 mm  
One pole, 3,5 mm pinout  
10 A, 250 V AC



### Pinout



MP16-2  
(RM84/85/87)

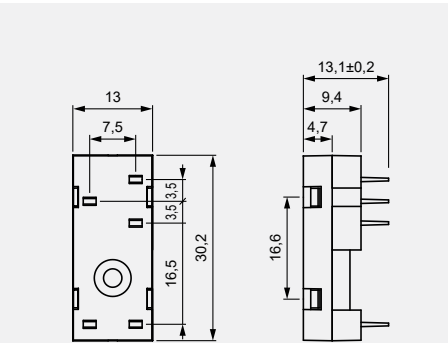
MH16-2  
(RM84/85/87)

MP25-2  
(RMP84/85)  
(RM83)

MH25-2  
(RMP84/85)  
(RM83)

### Accessories

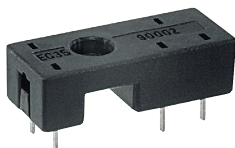
### Dimensions



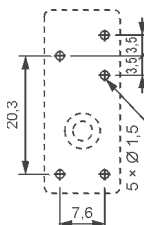
## EC 35

For RM87N, RM87N sensitive

For PCB  
31,3 x 12,7 x 9 mm  
One pole, 3,5 mm pinout  
12 A, 300 V AC



### Pinout

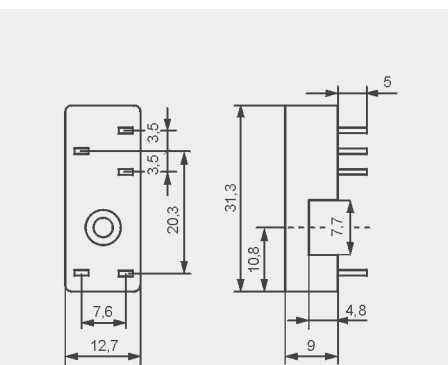


MP16-2

MH16-2

### Accessories

### Dimensions



① Mounting and sub-assemblies of accessories in the socket; Signalling / protecting modules type M... - see [www.repol.com.pl](http://www.repol.com.pl)  
② In the bracket the height of socket with retainer / retractor clip is shown.

# Sockets and accessories

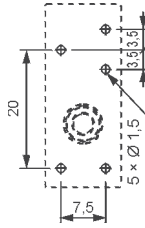
## GD35

For RM87N, RM87N sensitive

For PCB  
31,5 x 13 x 9 mm  
One pole, 3,5 mm pinout  
12 A, 300 V AC

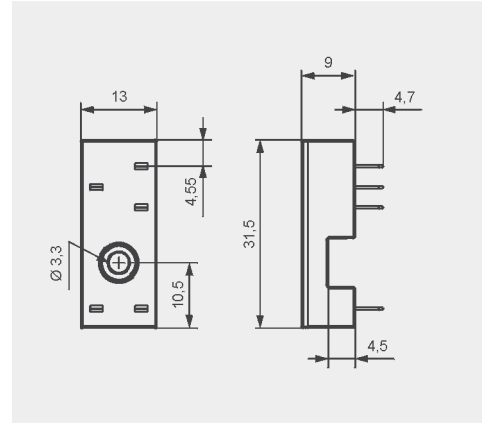


### Pinout



### Accessories

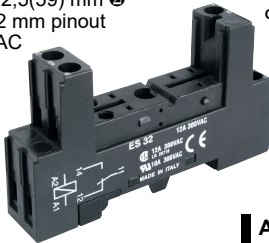
### Dimensions



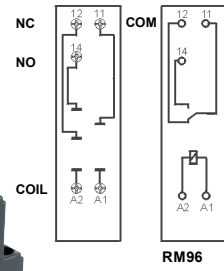
## ES 32

For RM96 1 CO

Screw terminals  
Max. tightening moment  
for the terminal: 0,5 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
75 x 15,5 x 42,5(59) mm ②  
One pole, 3,2 mm pinout  
12 A, 300 V AC



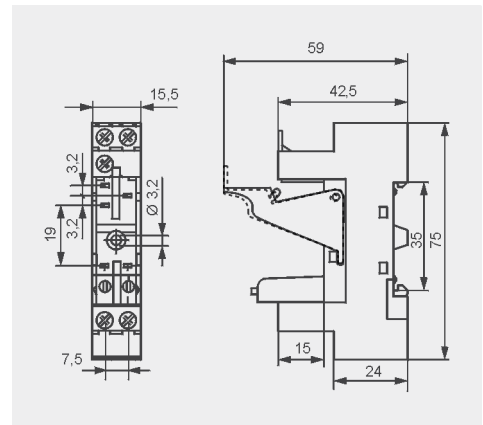
### Connection diagrams



### Accessories

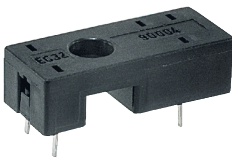
ZGGZ80 GZM80-0041

### Dimensions

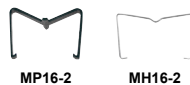
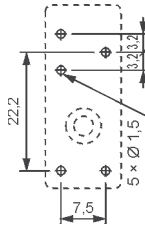


## EC 32

For PCB  
31 x 12,7 x 9 mm  
One pole, 3,2 mm pinout  
12 A, 300 V AC

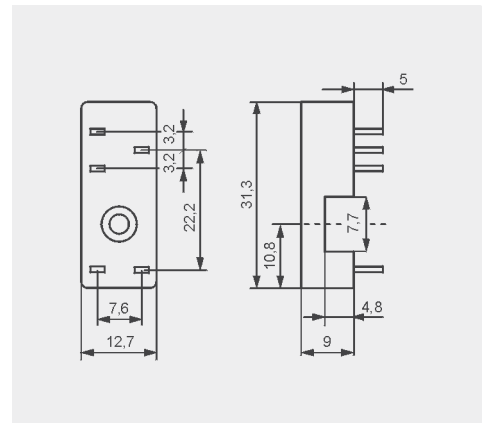


### Pinout



### Accessories

### Dimensions



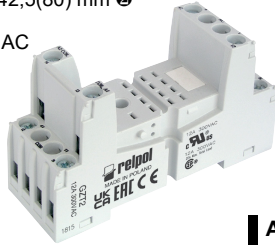
① Mounting and sub-assemblies of accessories in the socket; Signalling / protecting modules type M... - see [www.repol.com.pl](http://www.repol.com.pl)  
② In the bracket the height of socket with retainer / retractor clip is shown.

# Sockets and accessories

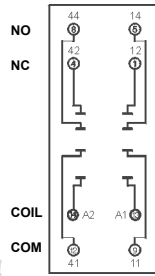
## GZT2

For R2N

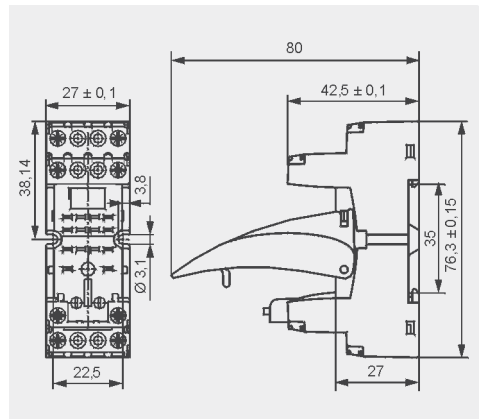
Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
76,3 x 27 x 42,5(80) mm Ⓜ  
Two poles  
12 A, 300 V AC



### Connection diagram



### Dimensions

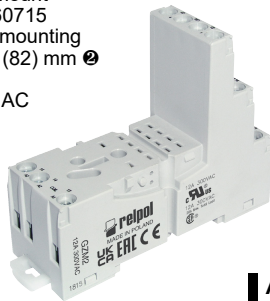


### Accessories

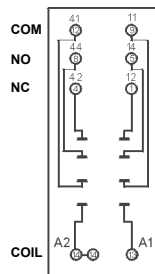
## GZM2

For R2N

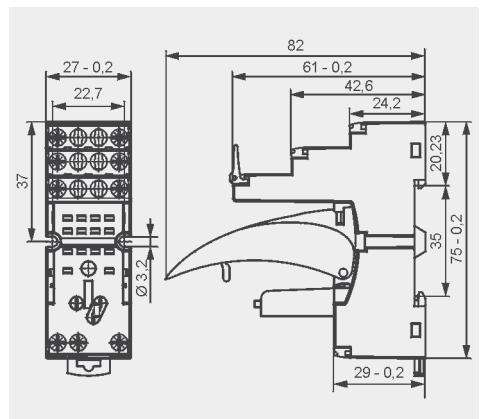
Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
75 x 27 x 61(82) mm Ⓜ  
Two poles  
12 A, 300 V AC



### Connection diagram



### Dimensions

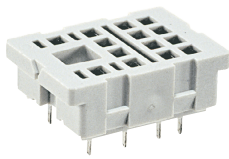


### Accessories

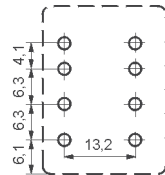
## SU4/2D

For R2N

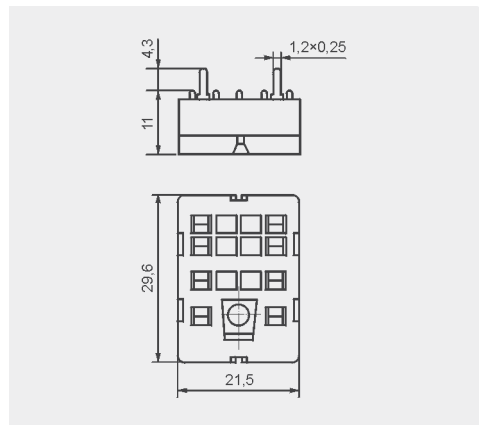
For PCB  
29,6 x 21,5 x 11 mm  
Two poles  
12 A, 250 V AC



### Pinout



### Dimensions



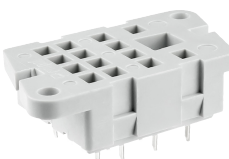
### Accessories

G4 1053

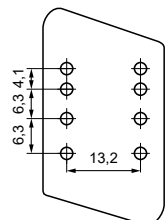
## G4D/2

For R2N

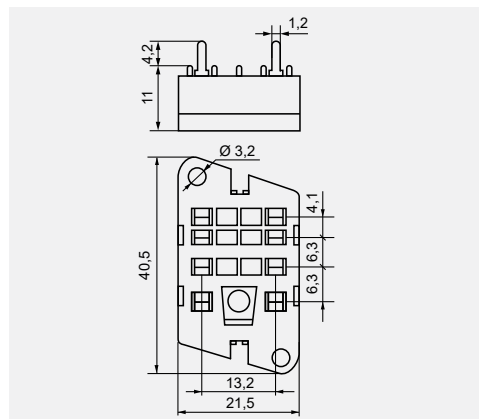
For PCB  
40,5 x 21,5 x 11 mm  
Two poles  
12 A, 250 V AC



### Pinout



### Dimensions



### Accessories

G4 1053

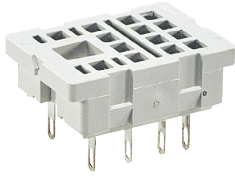
Ⓜ Mounting and sub-assemblies of accessories in the socket; Signalling / protecting modules type M... - see [www.repol.com.pl](http://www.repol.com.pl)  
Ⓜ In the bracket the height of socket with retainer / retractor clip is shown.

# Sockets and accessories

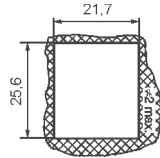
## SU4/2L

For R2N

Solder terminals  
29,6 x 21,5 x 18,1 mm  
Two poles  
12 A, 250 V AC



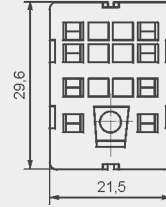
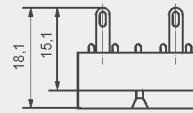
### Dimensions of opening on panel mounting



### Accessories

G4 1053 G4 1040

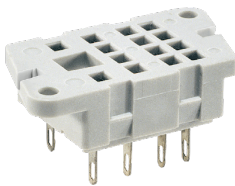
### Dimensions



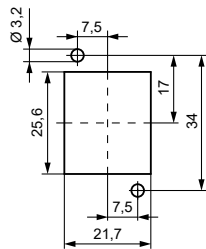
## G4/2

For R2N

Solder terminals  
40,5 x 21,5 x 18,1 mm  
Two poles  
12 A, 250 V AC



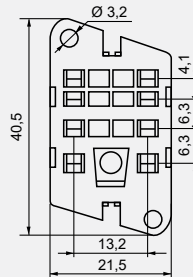
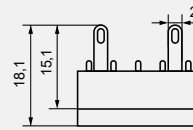
### Pinout of openings on panel mounting



### Accessories

G4 1053

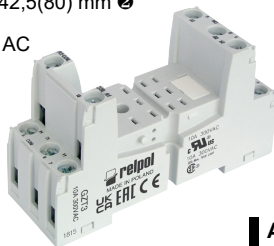
### Dimensions



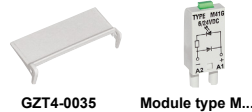
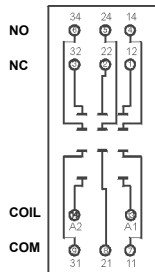
## GZT3

For R3N

Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
76,3 x 27 x 42,5(80) mm  
Three poles  
10 A, 300 V AC



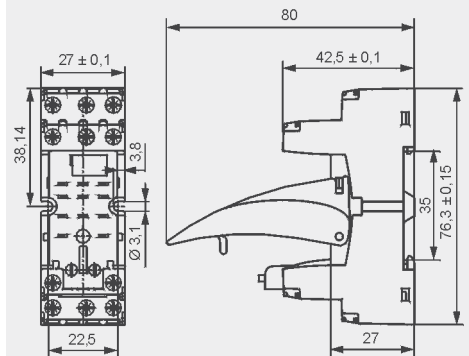
### Connection diagram



### Accessories

GZT4-0035 Module type M...

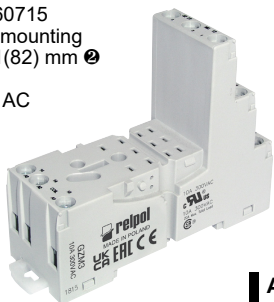
### Dimensions



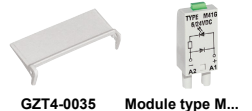
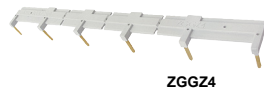
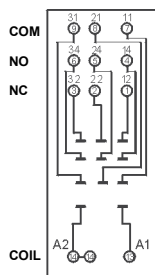
## GZM3

For R3N

Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
75 x 27 x 61(82) mm  
Three poles  
10 A, 300 V AC



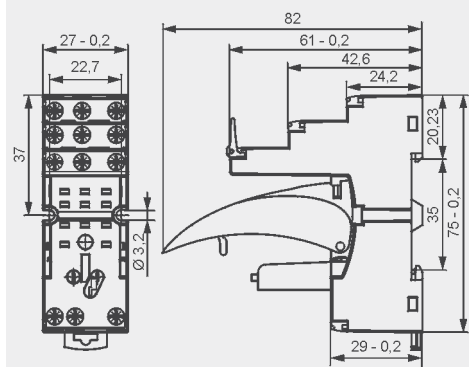
### Connection diagram



### Accessories

GZT4-0035 Module type M...

### Dimensions



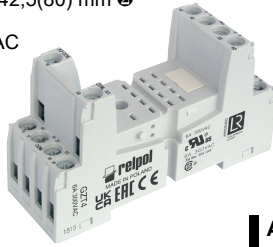
① Mounting and sub-assemblies of accessories in the socket; Signalling / protecting modules type M... - see [www.repol.com.pl](http://www.repol.com.pl)  
② In the bracket the height of socket with retainer / retractor clip is shown.

# Sockets and accessories

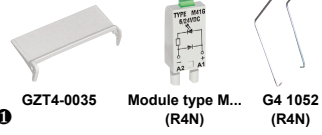
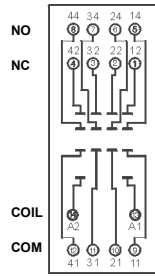
## GZT4

For R4N, T-R4

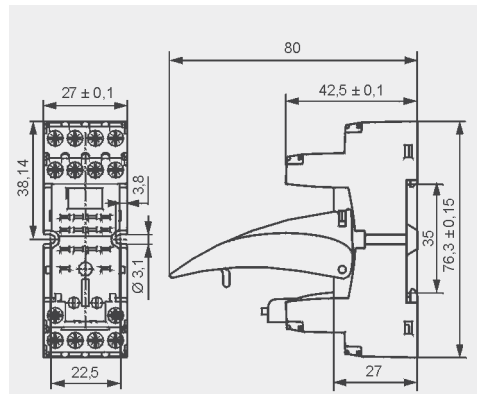
Screw terminals  
Max. tightening moment for the terminal: 0,7 Nm  
35 mm rail mount acc. to EN 60715 or on panel mounting  
76,3 x 27 x 42,5(80) mm ②  
Four poles  
6 A, 300 V AC



### Connection diagram



### Dimensions

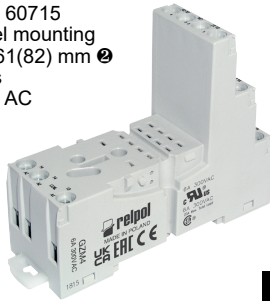


### Accessories

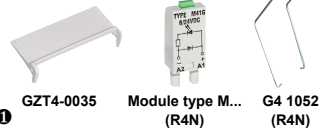
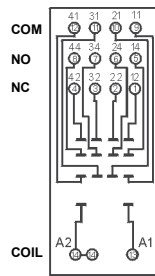
## GZM4

For R4N, T-R4

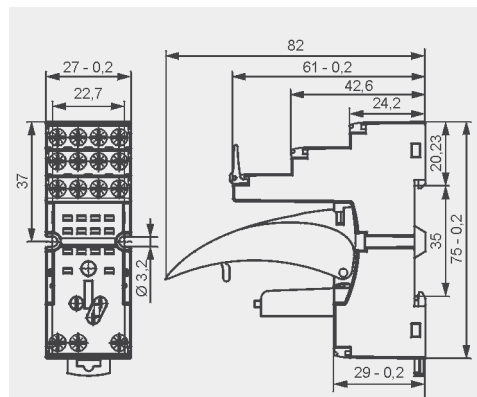
Screw terminals  
Max. tightening moment for the terminal: 0,7 Nm  
35 mm rail mount acc. to EN 60715 or on panel mounting  
75 x 27 x 61(82) mm ②  
Four poles  
6 A, 300 V AC



### Connection diagram



### Dimensions



### Accessories

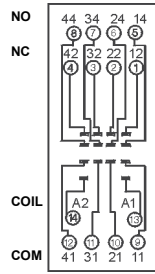
## GZ4

For R4N

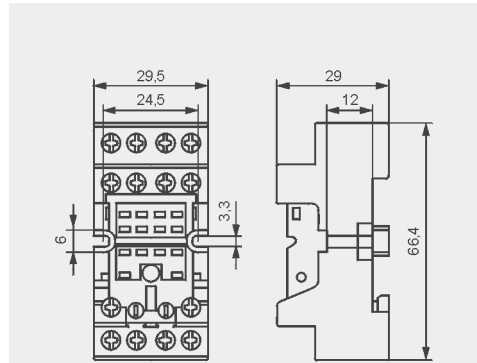
Screw terminals  
Max. tightening moment for the terminal: 0,7 Nm  
35 mm rail mount acc. to EN 60715 or on panel mounting  
66,4 x 29,5 x 29 mm  
Four poles  
10 A, 300 V AC



### Connection diagram



### Dimensions

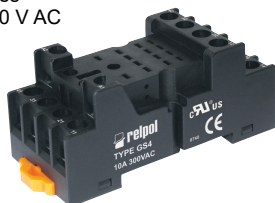


### Accessories

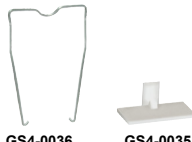
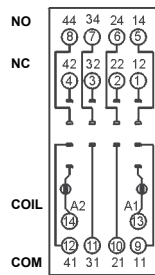
## GS4

For R4N

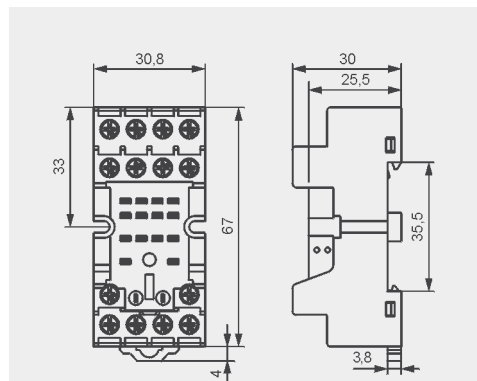
Screw terminals  
Max. tightening moment for the terminal: 0,7 Nm  
35 mm rail mount acc. to EN 60715 or on panel mounting  
67 x 30,8 x 30(~63,7) mm ⑤  
Four poles  
10 A, 300 V AC



### Connection diagram



### Dimensions



### Accessories

- ① Mounting and sub-assemblies of accessories in the socket; Signalling / protecting modules type M... - see [www.repol.com.pl](http://www.repol.com.pl)
- ② In the bracket the height of socket with retainer / retractor clip is shown. ④ Have obtained LR Type Approval Certificate (Lloyd's Register).
- ⑤ In the bracket the height of socket with spring wire clip is shown.



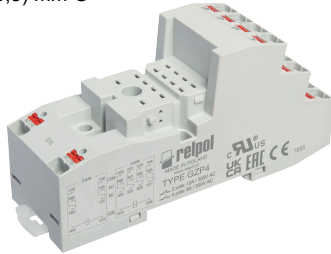
# Sockets and accessories

## GZP4

For R4N, R2N

Push-in terminals  
(flammability class V-0)  
Max. cross section of the cables:  
2 x 1,5 mm<sup>2</sup> (ferrules without insulation)  
2 x 1 mm<sup>2</sup> (ferrules with insulation)  
Stripping length: 8...10 mm

35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
97 x 31 x 45,9(75,8) mm <sup>⊗</sup>  
Two poles  
12 A, 300 V AC  
Four poles  
8 A, 300 V AC



GZP4-0400



GZT4-0040



G4 1052



MP15



ZGZP4-2



ZGZP-2



Module type M...



ZGZP4-8



MP15



ZGZP4-2



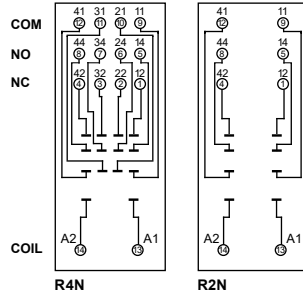
ZGZP-2



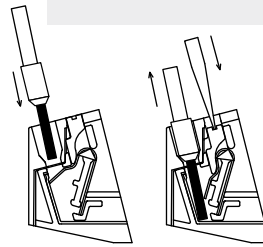
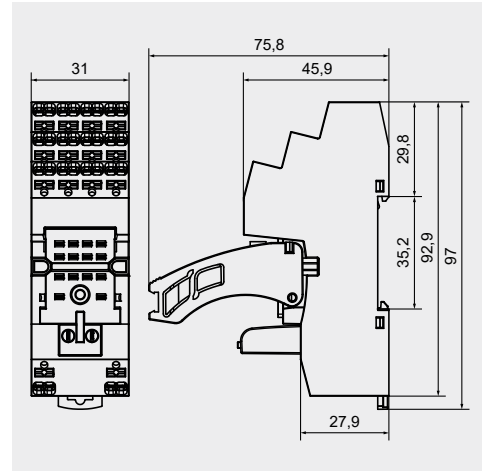
Module type M...

### Accessories <sup>ⓘ</sup>

### Connection diagrams



### Dimensions

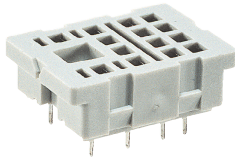


The drawings present inserting wire into the Push-in terminal and removing wire using the button releasing a clamp (assembly without tools).

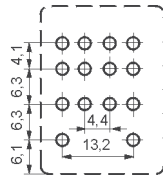
## SU4D

For R4N

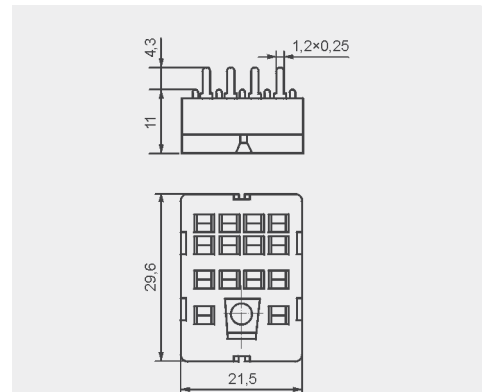
For PCB  
29,6 x 21,5 x 11 mm  
Four poles  
6 A, 250 V AC



### Pinout



### Dimensions



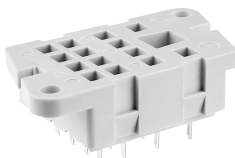
### Accessories

G4 1053

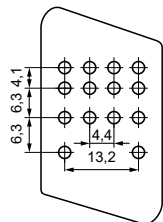
## G4D

For R4N

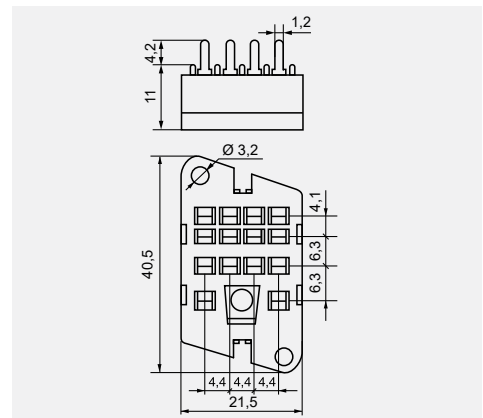
For PCB  
40,5 x 21,5 x 11 mm  
Four poles  
6 A, 250 V AC



### Pinout



### Dimensions



### Accessories

G4 1053

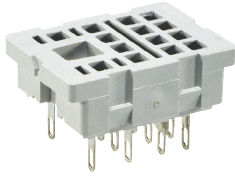
<sup>ⓘ</sup> Mounting and sub-assemblies of accessories in the socket; Signalling / protecting modules type M... - see [www.repol.com.pl](http://www.repol.com.pl)  
<sup>⊗</sup> In the bracket the height of socket with retainer / retractor clip is shown.

# Sockets and accessories

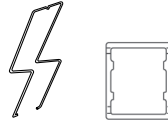
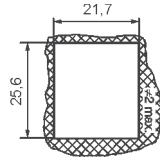
## SU4L

For R4N

Solder terminals  
29,6 x 21,5 x 18,1 mm  
Four poles  
6 A, 250 V AC



### Dimensions of opening on panel mounting

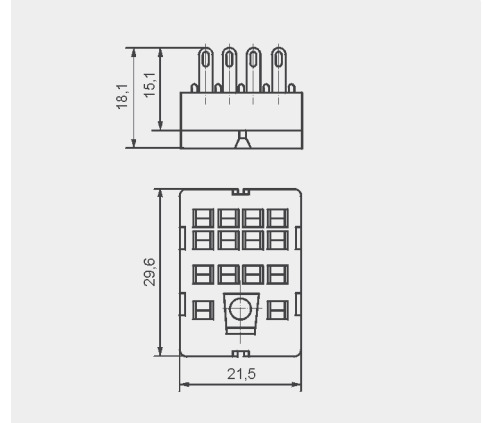


Accessories

G4 1053

G4 1040

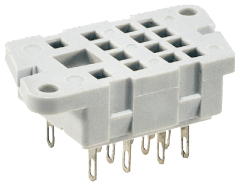
### Dimensions



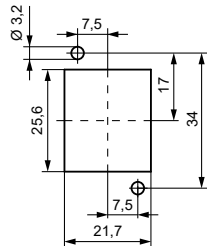
## G4

For R4N

Solder terminals  
40,5 x 21,5 x 18,1 mm  
Four poles  
6 A, 250 V AC



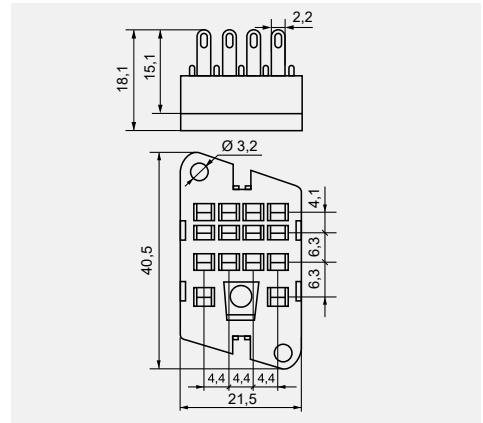
### Pinout of openings on panel mounting



Accessories

G4 1053

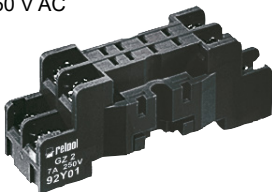
### Dimensions



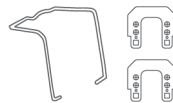
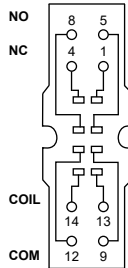
## GZ2

For R2M

Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
65,2 x 20 x 25 mm  
Two poles  
7 A, 250 V AC



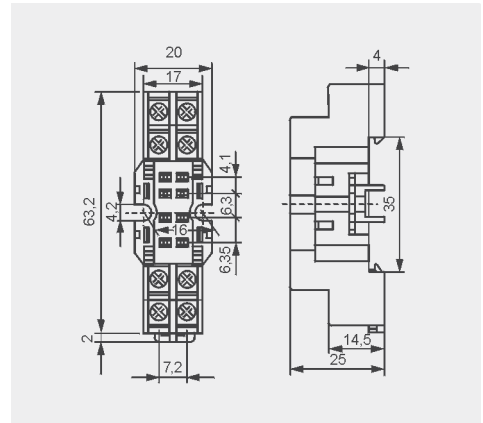
### Connection diagram



Accessories

GZ2 1060

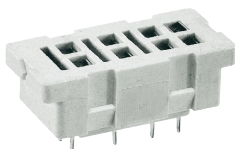
### Dimensions



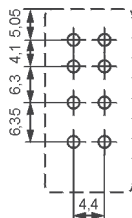
## S2M

For R2M

For PCB  
29,6 x 14 x 10,5 mm  
Two poles  
5 A, 250 V AC



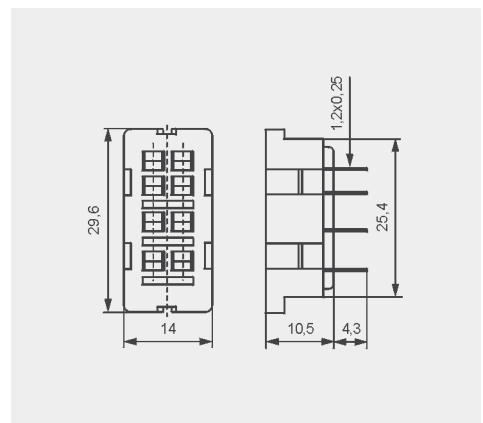
### Pinout



Accessories

G4 1050

### Dimensions

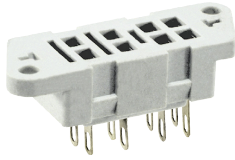


# Sockets and accessories

## G2M

For R2M

Solder terminals  
40,5 x 14 x 10,5 mm  
Two poles  
5 A, 250 V AC

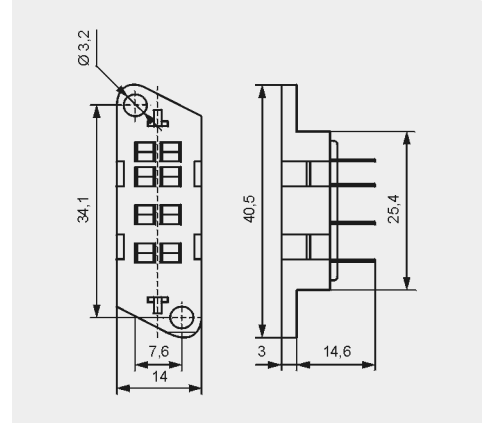


G4 1050



G2M 1020

### Dimensions

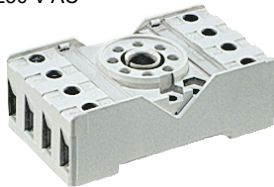


### Accessories

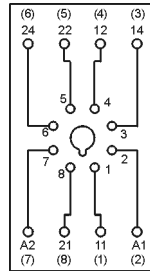
## PZ8

For R15 - 2 CO

Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
68,2 x 38 x 24,2 mm  
Two poles  
10 A, 250 V AC

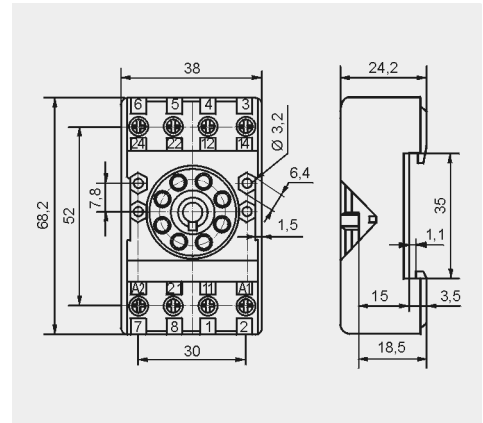


### Connection diagram



PZ11 0031

### Dimensions



### Accessories

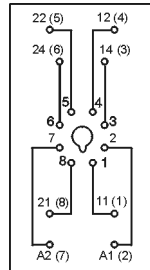
## GZU8

For R15 - 2 CO

Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
35 mm rail mount  
acc. to EN 60715  
82 x 35,5 x 25,7 mm  
Two poles  
10 A, 250 V AC

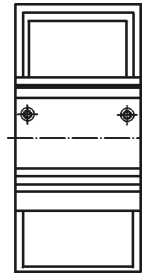


### Connection diagram

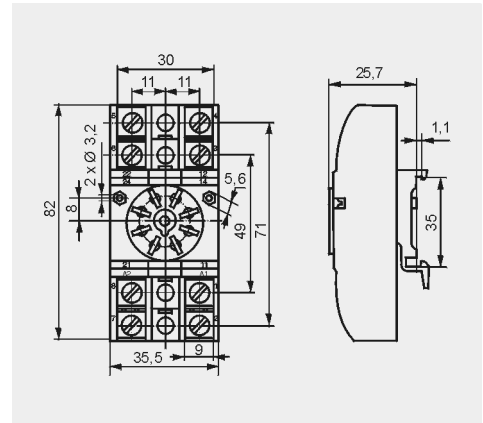


GZU 1052

### Adaptor



### Dimensions

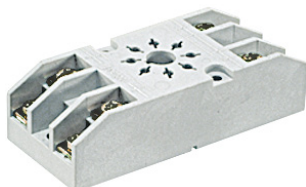


### Accessories

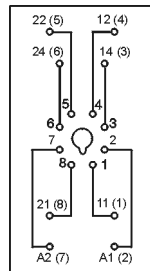
## GZ8

For R15 - 2 CO

Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
On panel mounting  
82,8 x 35,5 x 22,5 mm  
Two poles  
10 A, 250 V AC

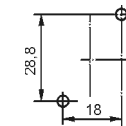


### Connection diagram

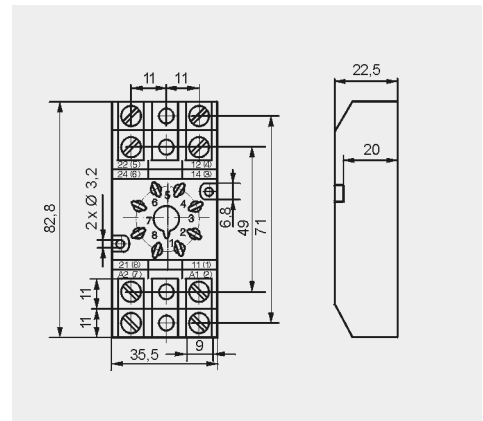


GZ 1050

### Mounting dimensions



### Dimensions



⚡ Have obtained LR Type Approval Certificate (Lloyd's Register).

# Sockets and accessories

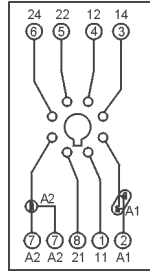
## GZP8

For R15 - 2 CO

Screw terminals  
Max. tightening moment  
for the terminal: 0,5 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
73 x 38,2 x 27,2 mm  
Two poles  
12 A, 300 V AC



### Connection diagram



Module type 21, 41



Time module COM3

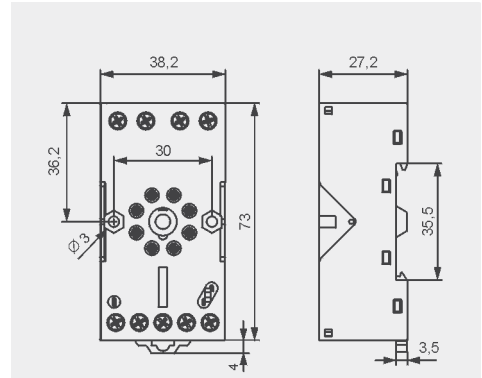


GZP-0054



GZP-0035

### Dimensions



### Accessories

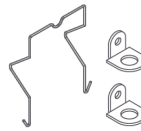
## GOP8

For R15 - 2 CO

Solder terminals  
47,2 x 32 x 22 mm  
Two poles  
10 A, 250 V AC

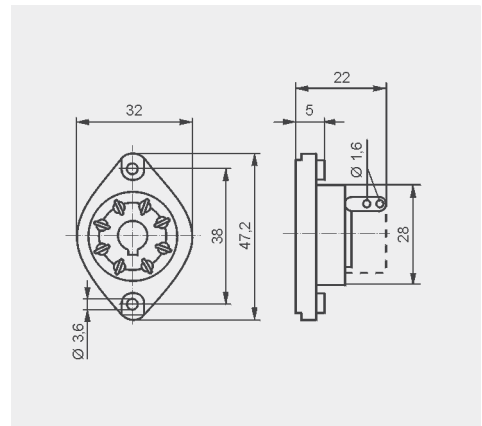


### Accessories



R159 1051

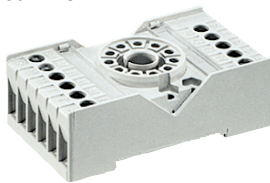
### Dimensions



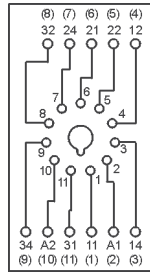
## PZ11

For R15 - 3 CO

Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
68,2 x 38 x 24,2 mm  
Three poles  
10 A, 250 V AC

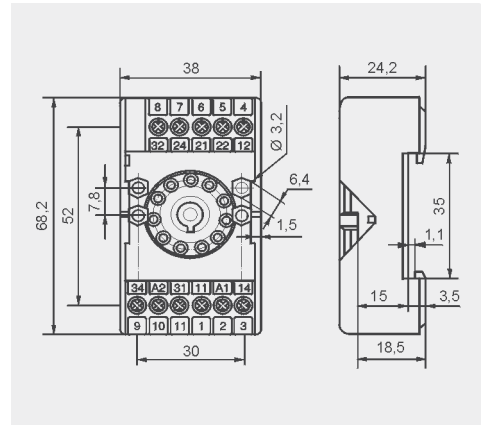


### Connection diagram



PZ11 0031

### Dimensions



### Accessories

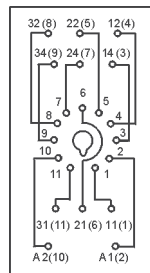
## GZU11

For R15 - 3 CO

Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
35 mm rail mount  
acc. to EN 60715  
82 x 35,5 x 25,7 mm  
Three poles  
10 A, 250 V AC

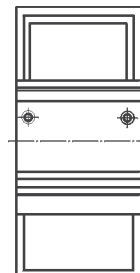


### Connection diagram

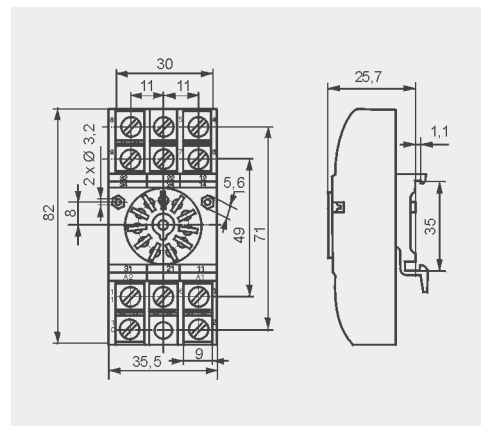


GZU 1052

### Adaptor



### Dimensions



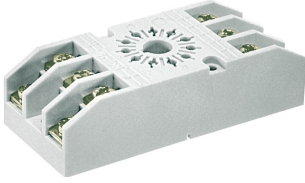
⚡ Have obtained LR Type Approval Certificate (Lloyd's Register).

# Sockets and accessories

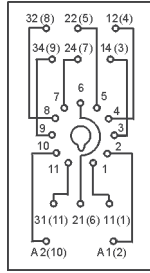
## GZ11

For R15 - 3 CO

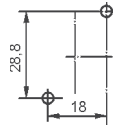
Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
On panel mounting  
82,8 x 35,5 x 22,5 mm  
Three poles  
10 A, 250 V AC



### Connection diagram

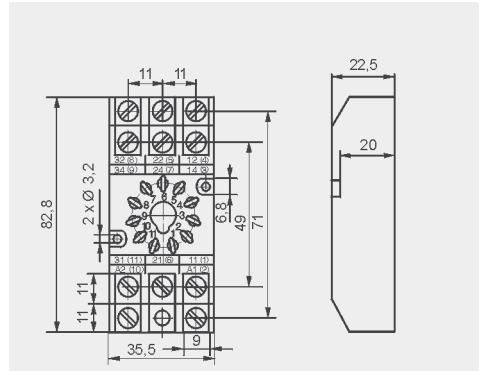


### Mounting dimensions



GZ 1050

### Dimensions



### Accessories

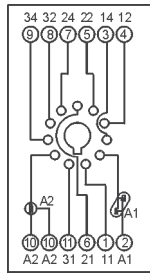
## GZP11

For R15 - 3 CO

Screw terminals  
Max. tightening moment  
for the terminal: 0,5 Nm  
35 mm rail mount  
acc. to EN 60715  
or on panel mounting  
73 x 38,2 x 27,2 mm  
Three poles  
12 A, 300 V AC



### Connection diagram



Module type 21, 41



Time module COM3

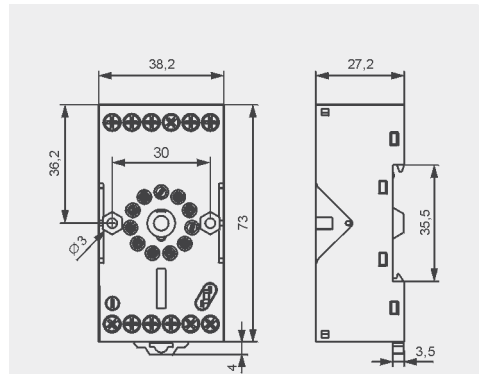


GZP-0054



GZP-0035

### Dimensions



### Accessories

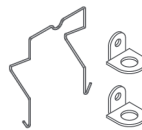
## GOP11

For R15 - 3 CO

Solder terminals  
47,2 x 32 x 22 mm  
Three poles  
10 A, 250 V AC

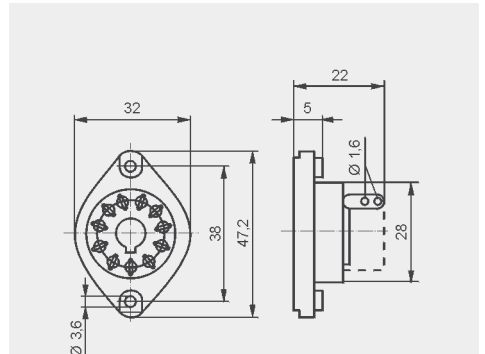


### Accessories



R159 1051

### Dimensions



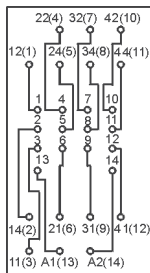
## GZ14U

For R15 - 4 CO

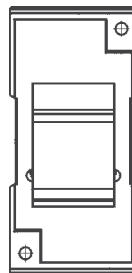
Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
35 mm rail mount  
acc. to EN 60715  
96,8 x 46,4 x 33,3 mm  
Four poles  
10 A, 250 V AC



### Connection diagram

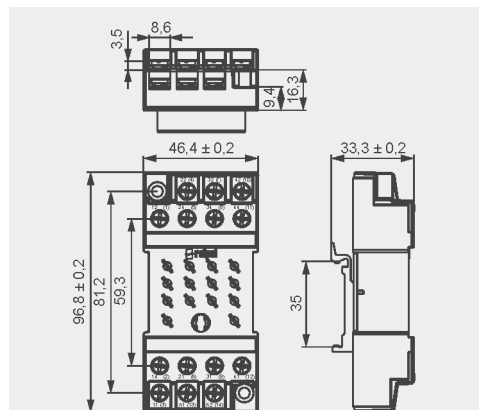


### Adaptor



GZ14 0737

### Dimensions



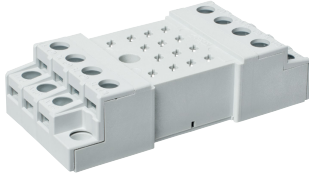
### Accessories

# Sockets and accessories

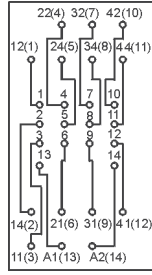
## GZ14

For R15 - 4 CO

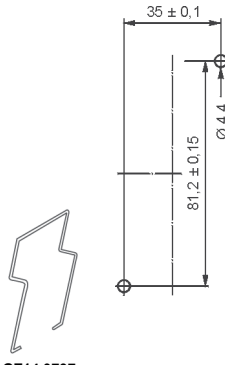
Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
On panel mounting  
96,8 x 46,4 x 24,5 mm  
Four poles  
10 A, 250 V AC



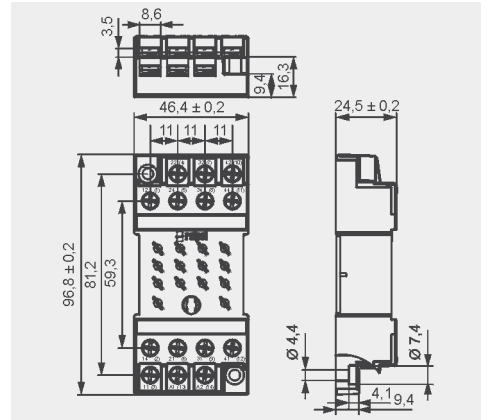
### Connection diagram



### Mounting dimensions



### Dimensions



### Accessories

GZ14 0737

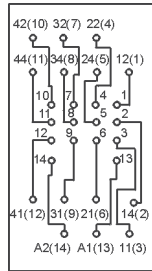
## GZ14Z

For R15 - 4 CO

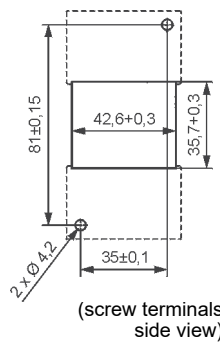
Screw terminals  
Max. tightening moment  
for the terminal: 0,7 Nm  
**On panel mounting, behind**  
92,2 x 46 x 24,5 mm  
Four poles  
10 A, 250 V AC



### Connection diagram



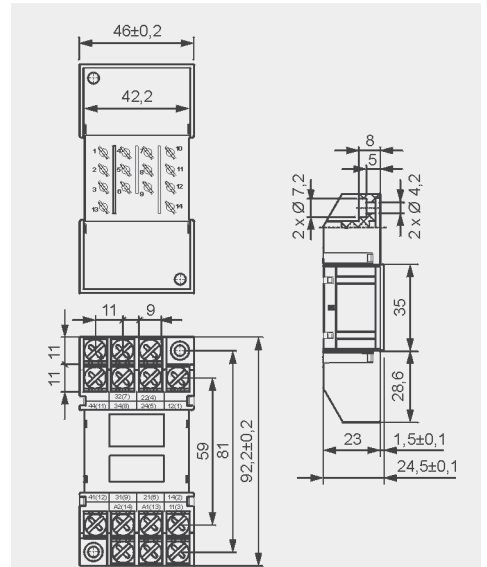
### Mounting dimensions



(screw terminals side view)



### Dimensions



### Accessories

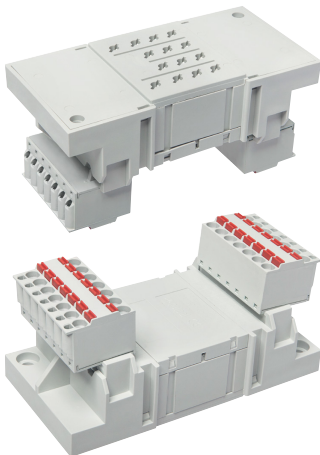
GZ14 0737

## GZ14P

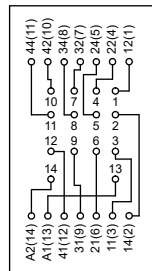
For R15 - 4 CO

Push-in terminals  
Max. cross section of the cables:  
2 x 2,5 mm<sup>2</sup> (ferrules without insulation)  
2 x 1,5 mm<sup>2</sup> (ferrules with insulation)  
Stripping length: 10 mm

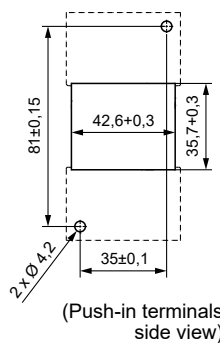
**On panel mounting, behind**  
92,2 x 46,2 x 44,7 mm  
Four poles  
10 A, 250 V AC



### Connection diagram



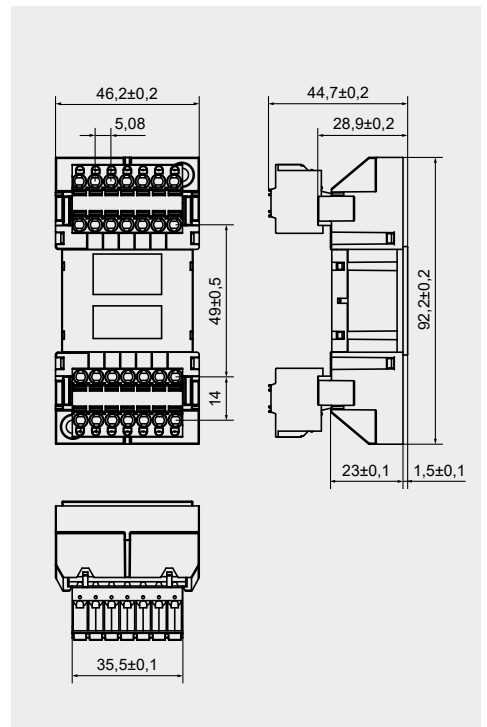
### Mounting dimensions



(Push-in terminals side view)



### Dimensions



### Accessories

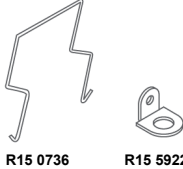
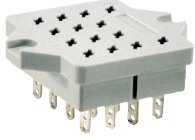
GZ14 0737

# Sockets and accessories

## GOP14

For R15 - 4 CO

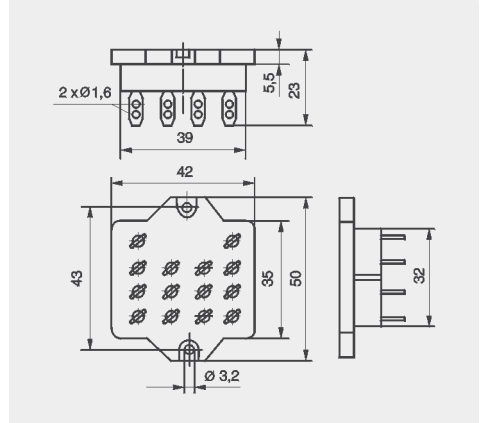
Solder terminals  
50 x 42 x 23 mm  
Four poles  
10 A, 250 V AC



Accessories

## Dimensions

CE EAC

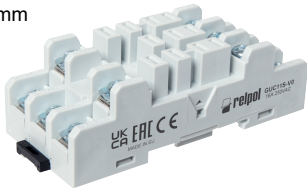


## GUC11S-V0 ⑥

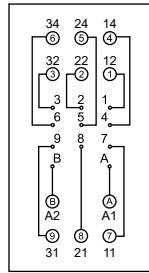
For RUC faston 4,8x0,5, RUC-M

Screw terminals  
Cross section of the cables: max. 1 x 4 mm<sup>2</sup>  
/ 2 x 2,5 mm<sup>2</sup> (1 x 12 / 2 x 14 AWG),  
min. 1 x 0,25 mm<sup>2</sup> (1 x 23 AWG)  
Max. tightening moment  
for the terminal: 0,7 Nm

35 mm rail mount  
acc. to EN 60715  
81,5 x 35,5 x 26,5 mm  
Three poles  
16 A, 250 V AC



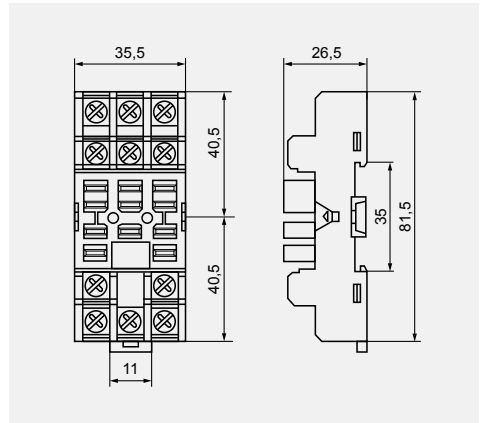
## Connection diagram



Accessories

## Dimensions

CE EAC UK



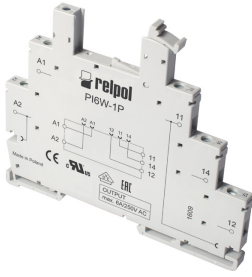
⑥ For RUC faston 4,8 x 0,5 and RUC-M, with GUC11S-V0 socket, max. switching voltages and coil voltages of relays are limited to 250 V AC / DC.

# Sockets and accessories

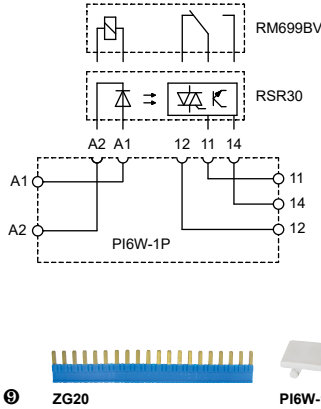
## PI6W-1P

For RM699BV, RSR30

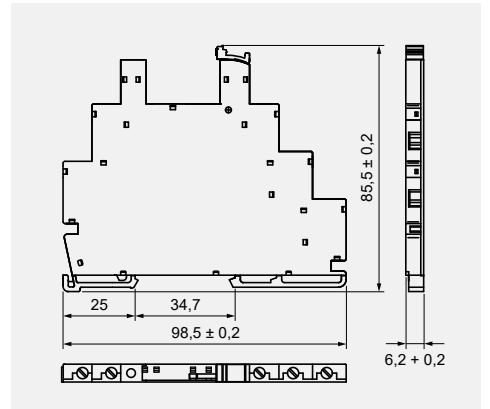
Screw terminals  
Max. tightening moment for the terminal: 0,3 Nm  
35 mm rail mount acc. to EN 60715  
98,5 x 6,2 x 85,5 mm  
One pole  
6 A, 250 V AC



### Connection diagram



### Dimensions



### Accessories

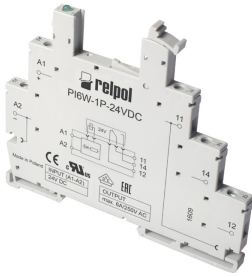
ZG20

PI6W-1246

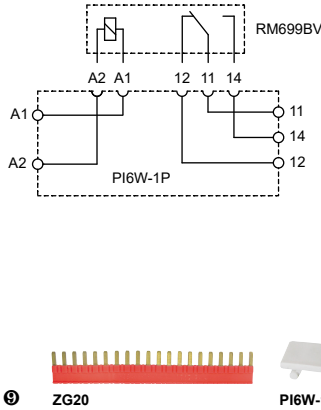
## PI6W-1P

For RM699BV

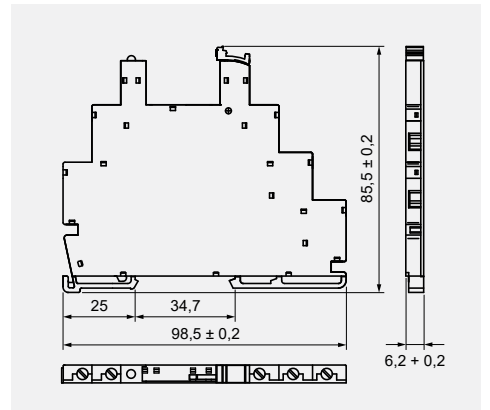
Screw terminals  
Max. tightening moment for the terminal: 0,3 Nm  
35 mm rail mount acc. to EN 60715  
98,5 x 6,2 x 85,5 mm  
One pole  
6 A, 250 V AC



### Connection diagram



### Dimensions



### Accessories

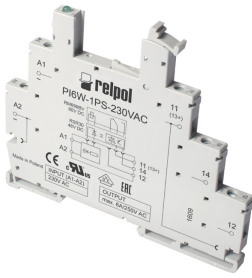
ZG20

PI6W-1246

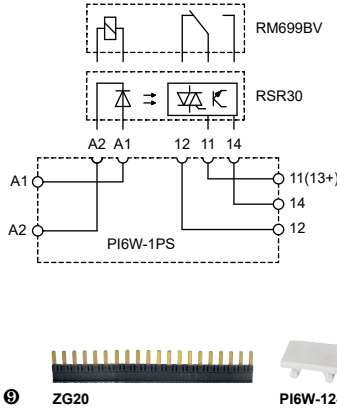
## PI6W-1PS

For RM699BV, RSR30

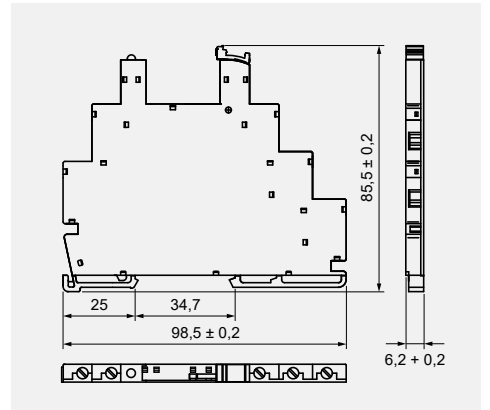
Screw terminals  
Max. tightening moment for the terminal: 0,3 Nm  
35 mm rail mount acc. to EN 60715  
98,5 x 6,2 x 85,5 mm  
One pole  
6 A, 250 V AC



### Connection diagram



### Dimensions



### Accessories

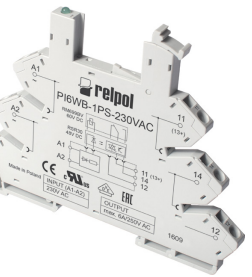
ZG20

PI6W-1246

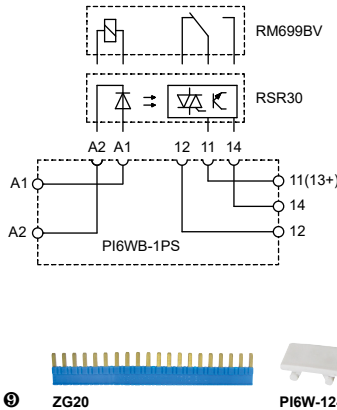
## PI6WB-1PS

For RM699BV, RSR30

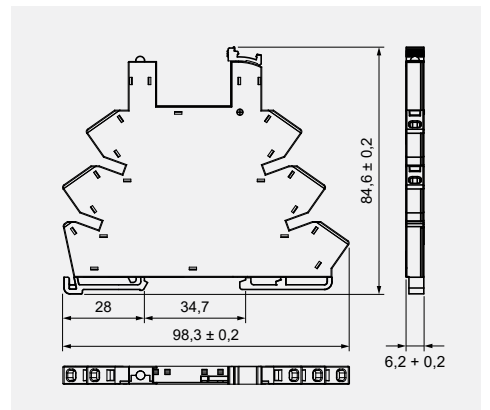
Spring terminals  
35 mm rail mount acc. to EN 60715  
98,3 x 6,2 x 84,6 mm  
One pole  
6 A, 250 V AC



### Connection diagram



### Dimensions



### Accessories

ZG20

PI6W-1246

⚠ Sockets without electronic. ⚙ Sockets with electronic PI6W., 6W.: version codes and selection of relays for sockets can be found in the data sheets of interface relays PIR6W., SIR6W. - see [www.repol.com.pl](http://www.repol.com.pl) 🎨 Colours of strips: ZG20-1, JB20-1 red; ZG20-2, JB20-2 black; ZG20-3, JB20-3 blue.



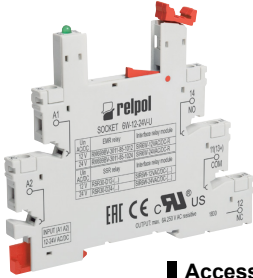
# Sockets and accessories

## 6W ⑨

For RM699BV, RSR30

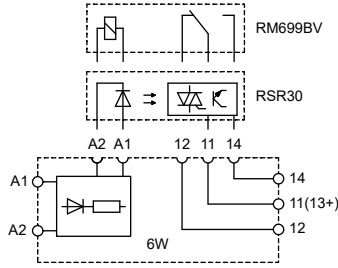
Screw terminals; Max. cross section of the cables:  
 $1 \times 2,5 \text{ mm}^2 / 2 \times 1,5 \text{ mm}^2$   
 Stripping length: 7 mm  
 Max. tightening moment for the terminal: 0,5 Nm

35 mm rail mount acc. to EN 60715  
 88,6 x 6,2 x 76 mm  
 One pole  
 6 A, 250 V AC



Accessories ⑩

## Connection diagram



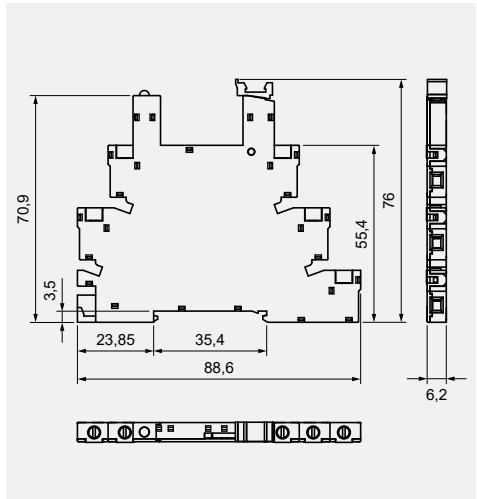
MP6-C

JB20



6W-SEP

## Dimensions

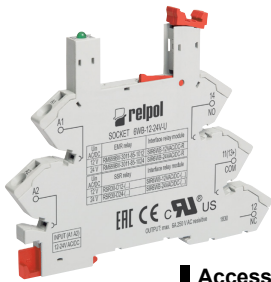


## 6WB ⑨

For RM699BV, RSR30

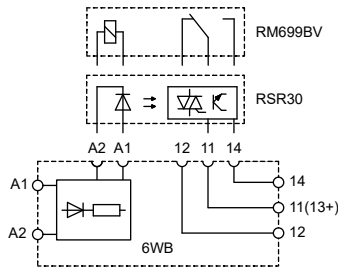
Spring terminals  
 Max. cross section of the cables:  $1 \times 2,5 \text{ mm}^2$   
 Stripping length: 7 mm

35 mm rail mount acc. to EN 60715  
 95 x 6,2 x 76,6 mm  
 One pole  
 6 A, 250 V AC



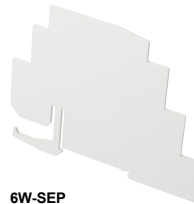
Accessories ⑩

## Connection diagram



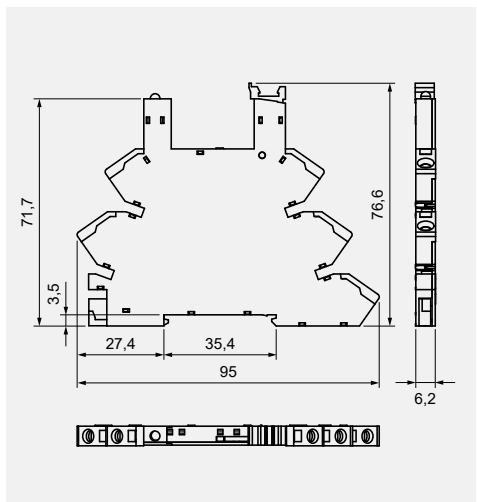
MP6-C

JB20



6W-SEP

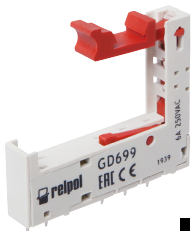
## Dimensions



## GD699

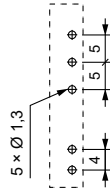
For RM699BV, RSR30

For PCB  
 33 x 6 x 37,21 mm  
 One pole, 5 mm pinout  
 6 A, 250 V AC



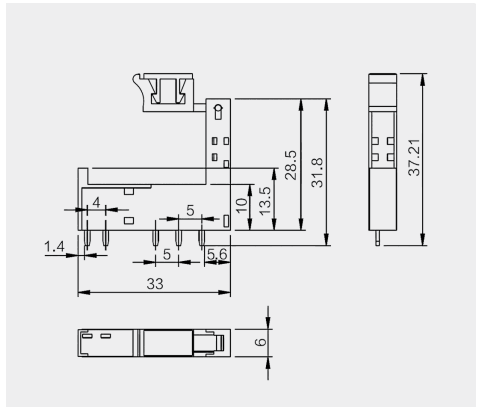
Accessories

## Pinout



MP6-C

## Dimensions



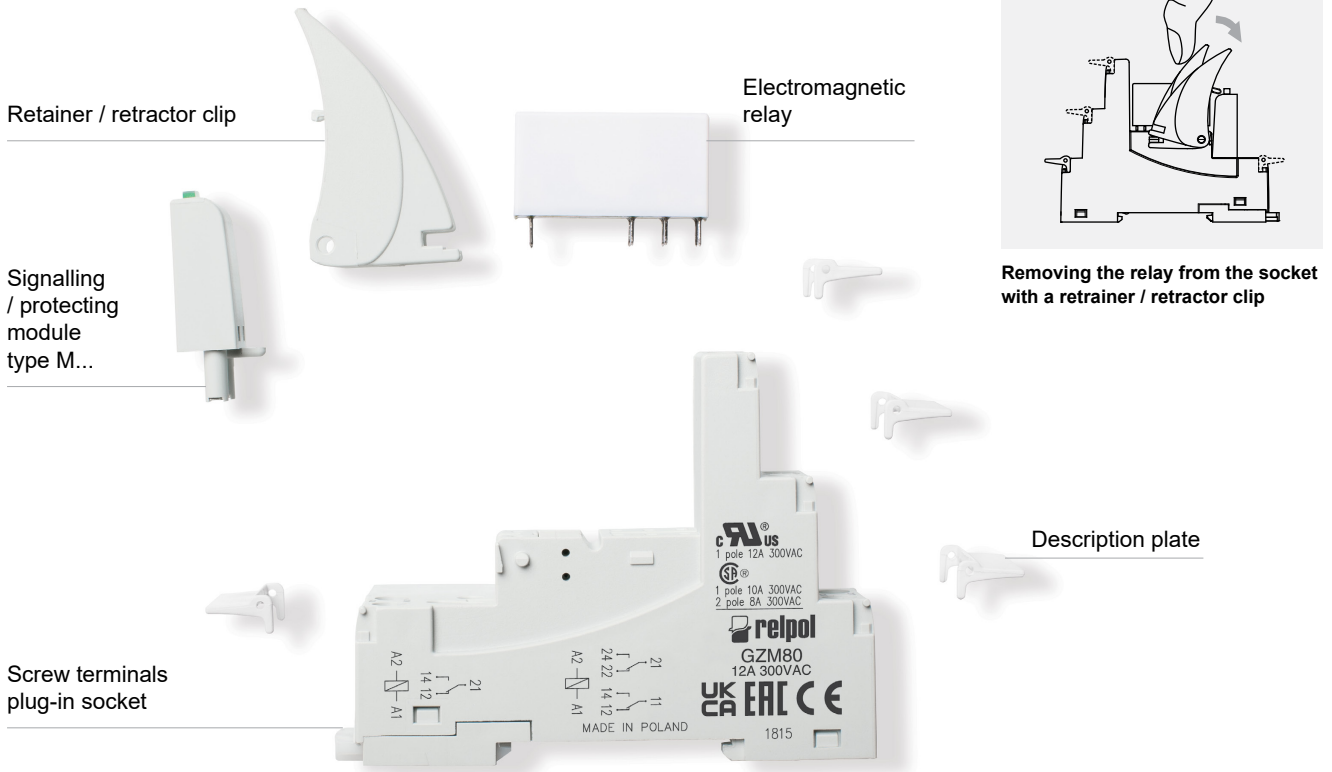
⑨ Sockets with electronic PI6W., 6W.: version codes and selection of relays for sockets can be found in the data sheets of interface relays PIR6W., SIR6W. - see [www.relpol.com.pl](http://www.relpol.com.pl) ⑩ Colours of strips: ZG20-1, JB20-1 red; ZG20-2, JB20-2 black; ZG20-3, JB20-3 blue.

### PRECAUTIONS:

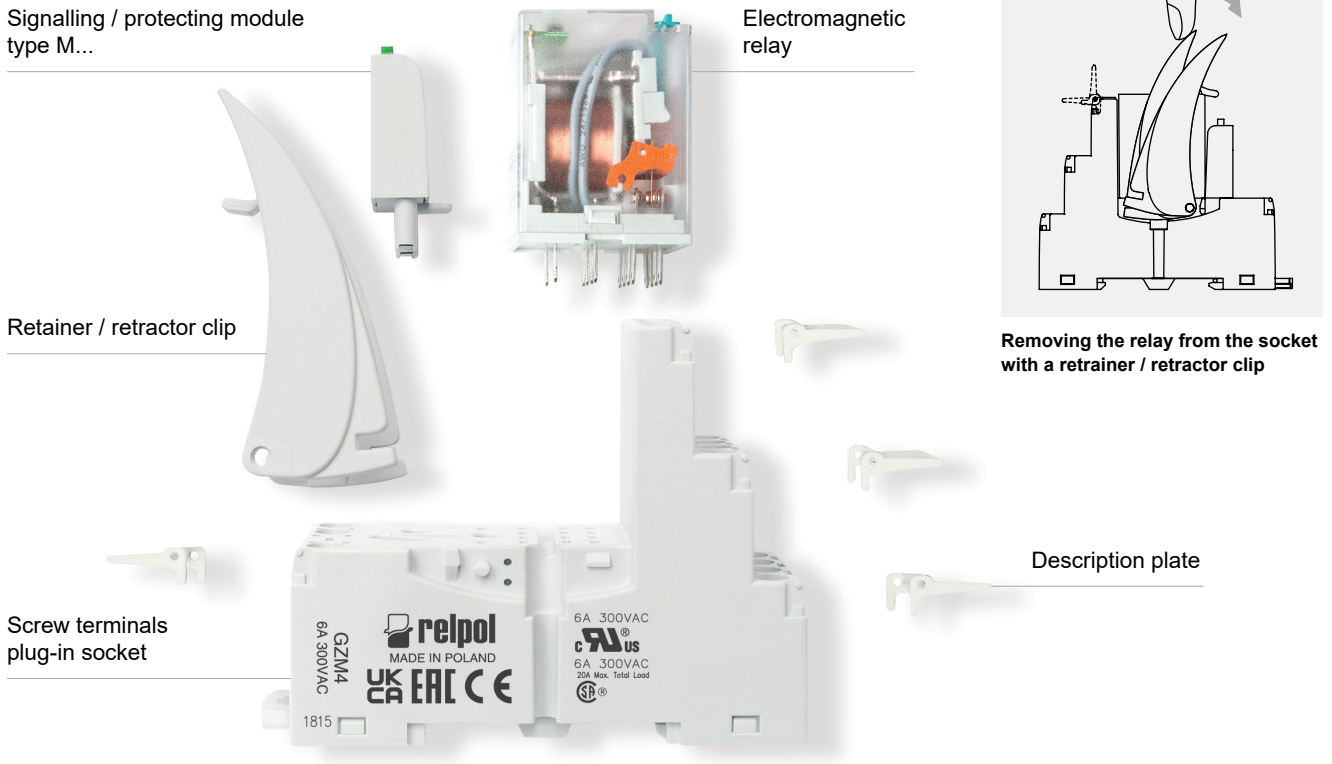
1. Ensure that the parameters of the product described in its specification provide a safety margin for the appropriate operation of the device or system and never use the product in circumstances which exceed the parameters of the product. 2. Never touch any live parts of the device. 3. Ensure that 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.

# Mounting and sub-assemblies of the relay and accessories in the socket

## ■ Miniature relays



## ■ Miniature industrial relays



26.09.2023

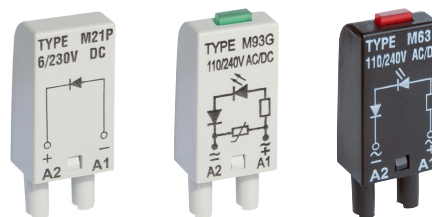
## Signalling / protecting modules

### For sockets type:

GZT80, GZM80, GZS80, GZP80, GZT92, GZM92, GZS92, ES 32, GZT2, GZM2, GZT3, GZM3, GZT4, GZM4, GZP4

Modules type M... are parallelly connected with relay coil.

Polarization P: -A1/+A2. Polarization N: +A1/-A2.



Modules type M...	Layout	Voltage	Type of module ① ②
<b>Module D (polarization P)</b> It limits overvoltage on DC coils.		6/230 V DC	M21P
<b>Module D (polarization N)</b> It limits overvoltage on DC coils.		6/230 V DC	M21N
<b>Module LD (polarization P)</b> It limits overvoltage on DC coils. Coil energizing indication.		6/24 V DC 24/60 V DC 110/230 V DC	M31R, M31G M32R, M32G M33R, M33G
<b>Module LD (polarization N)</b> It limits overvoltage on DC coils. Coil energizing indication.		6/24 V DC 24/60 V DC 110/230 V DC	M41R, M41G M42R, M42G M43R, M43G
<b>Module RC</b> It protects against EMC disturbance. It limits overvoltage.		6/24 V AC/DC 24/60 V AC/DC 110/240 V AC/DC	M51 M52 M53
<b>Module L</b> Coil energizing indication.		6/24 V AC/DC 24/60 V AC/DC 110/240 V AC/DC	M61R, M61G M62R, M62G M63R, M63G
<b>Module LV</b> It limits overvoltage on AC and DC coils. Coil energizing indication.		6/24 V AC/DC 24/60 V AC/DC 110/240 V AC/DC	M91R, M91G M92R, M92G M93R, M93G
<b>Module V</b> It limits overvoltage on AC coils. No indication.		6/24 V AC 110/130 V AC 220/240 V AC	M71 M72 M73
<b>Module R</b> It limits harmful voltage on AC coils induced in long lines which causes unwanted making of the relay.		110/240 V AC	M103

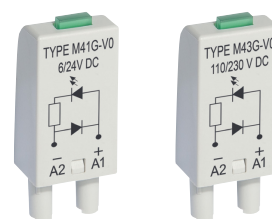
① M...R - LED red, M...G - LED green ② When ordering modules indicate their color: gray or black.

### Modules - flammability class V0 (versions for railroad industry)

For sockets type: GZT80-V0, GZT2-V0, GZT3-V0, GZT4-V0

Modules type M...-V0 are parallelly connected with relay coil.

Polarization N: +A1/-A2.



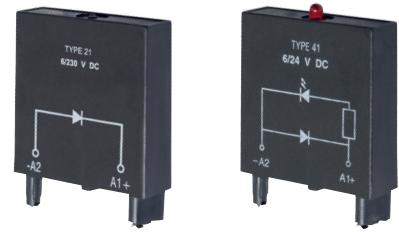
Modules type M...-V0	Layout	Voltage	Type of module
<b>Module LD (polarization N)</b> It limits overvoltage on DC coils. Coil energizing indication.		6/24 V DC 110/230 V DC	M41G-V0 M43G-V0
<b>Module LV</b> It limits overvoltage on AC and DC coils. Coil energizing indication.		110/240 V AC/DC	M93G-V0
<b>Module V</b> It limits overvoltage on AC coils. No indication.		6/24 V AC	M71-V0

## Signalling / protecting modules

**For sockets type:** GZP8, GZP11

Modules type 21, 41 are parallely connected with relay coil.

Polarization N: +A1/-A2.



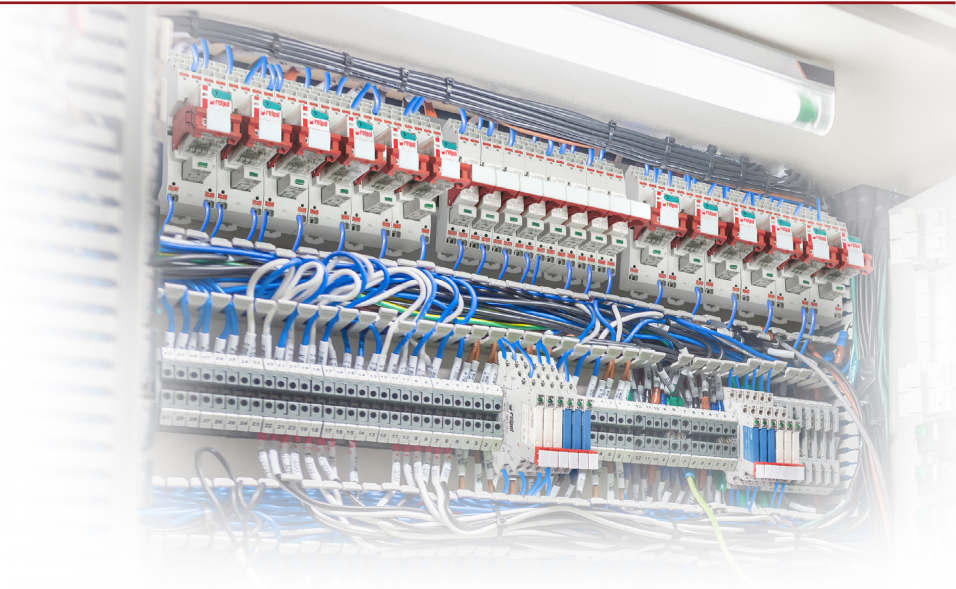
Modules	Layout	Voltage	Type of module
<b>Module D (polarization N)</b> It limits overvoltage on DC coils.		6/230 V DC	Module 21
<b>Module LD (polarization N)</b> It limits overvoltage on DC coils. Coil energizing indication (LED red).		6/24 V DC	Module 41

### GZP80, GZP4

Plug-in sockets  
with Push-in terminals  
(flammability class V-0)

### 6W, 6WB

Plug-in sockets  
(width 6,2 mm)



## Interconnection strips ZGGZ80



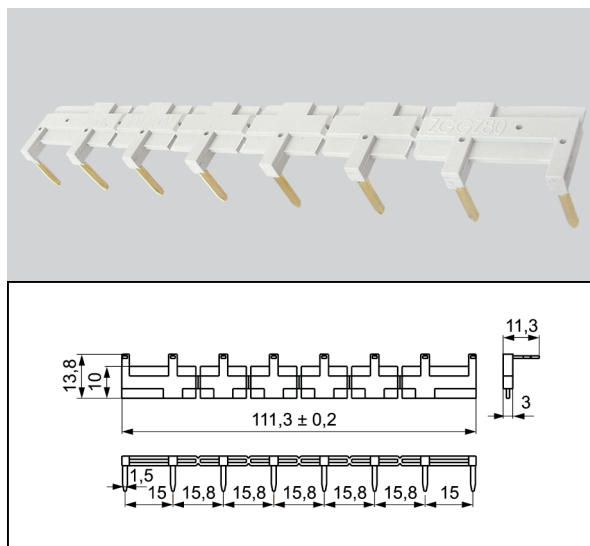
### ZGGZ80 for:

Plug-in sockets	Relays for plug-in sockets	Interface relays <sup>Ⓢ</sup>
GZT80	RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RM87L <sup>Ⓢ</sup> , RM87P <sup>Ⓢ</sup> , RM87N <sup>Ⓢ</sup>	PI84-...-TS-... (RM84 + GZT80)
GZM80		PI84-...-MS-... (RM84 + GZM80)
GZS80		PI85-...-TS-... (RM85 + GZT80)
GZT92		(RM85 inrush + GZT80)
GZM92		PI85-...-MS-... (RM85 + GZM80)
GZS92		
ES 32	RM96 1 CO	

<sup>Ⓢ</sup> Interface relay **PI84 (PI85)** is offered as a **set**: electromagnetic relay **RM84 (RM85)** + plug-in socket **GZT80** or **GZM80** + signalling / protecting module type **M...** + retainer / retractor clip **GZT80-0040** + description plate **GZT80-0035**. <sup>Ⓢ</sup> Also versions RM87. sensitive

### Interconnection strip ZGGZ80

- designed for the co-operation with plug-in sockets of miniature relays and with interface relays PI84 and PI85, which are equipped with screw terminals; sockets and relays are mounted on 35 mm rail mount acc. to EN 60715,
- bridges common input signals (coil terminals A1 or A2) or output signals - see photo at the top,
- maximum permissible current is 10 A / 250 V AC,
- possibility of connection of 8 sockets or relays,
- colours of strips: **ZGGZ80-1** grey, **ZGGZ80-2** black.



## Interconnection strips ZGGZ4



PIR2-...-00L.  
(R2N + GZM2)

ZGGZ4

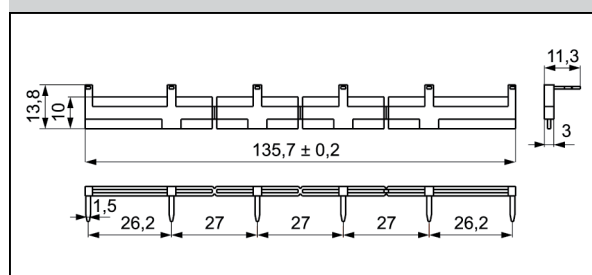
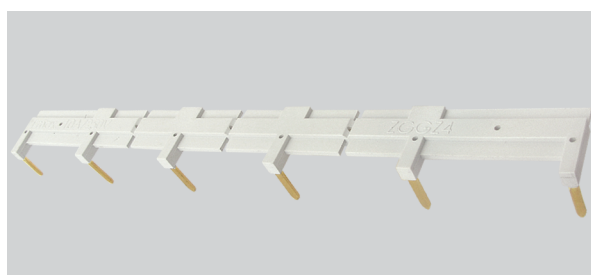
### ZGGZ4 for:

Plug-in sockets	Relays for plug-in sockets	Interface relays <sup>⑤</sup>
GZM2	R2N	PIR2-...-00L. (R2N + GZM2)
GZT2		
GZM3	R3N	PIR3-...-00L. (R3N + GZM3)
GZT3		
GZM4	R4N	PIR4-...-00L. (R4N + GZM4)
GZT4		

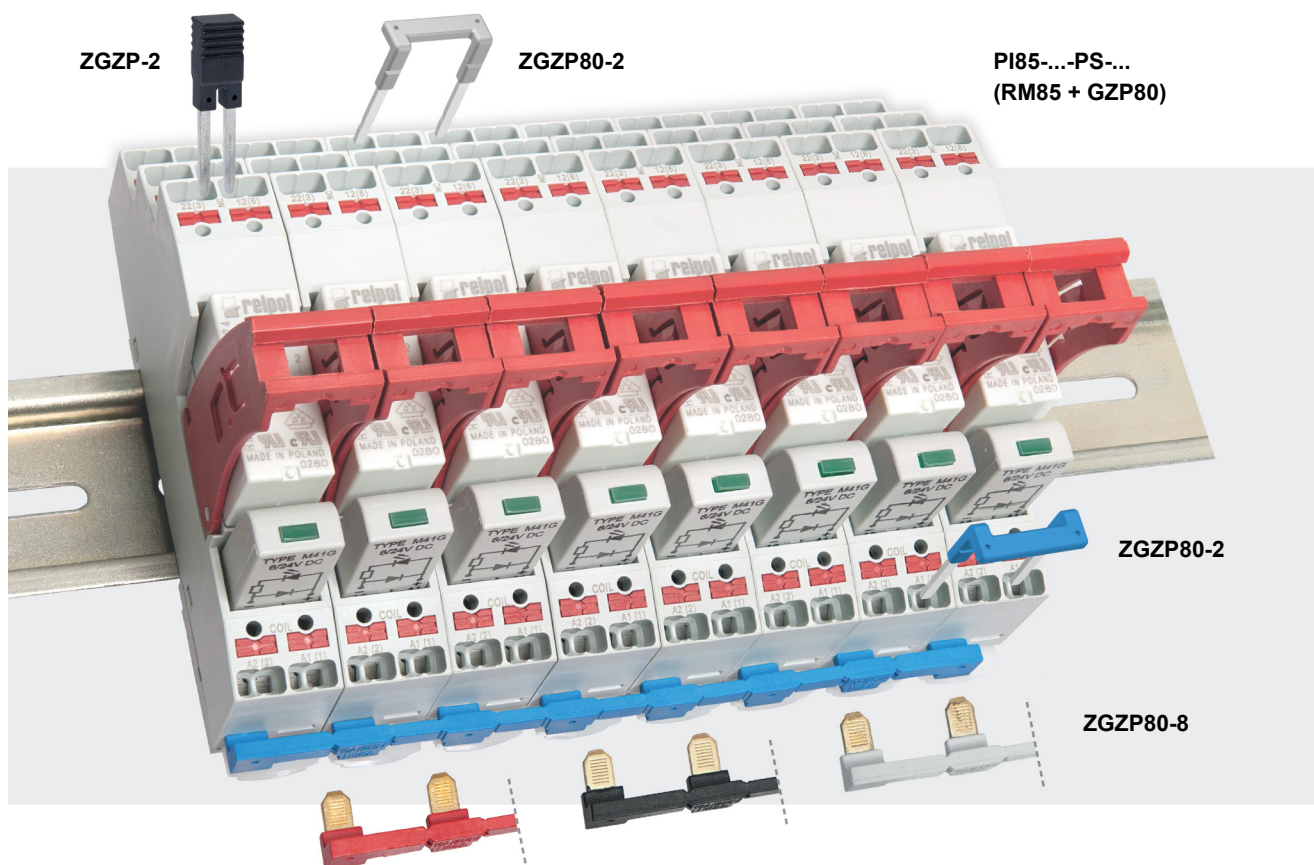
<sup>⑤</sup> Interface relay **PIR2 (PIR3, PIR4)** is offered as a **set**: electromagnetic relay **R2N (R3N, R4N)** + plug-in socket **GZM2 (GZM3, GZM4)** + signalling / protecting module type **M...** + retainer / retractor clip **GZT4-0040** + description plate **GZT4-0035**.

### Interconnection strip ZGGZ4

- designed for the co-operation with plug-in sockets of miniature industrial relays and with interface relays PIR2, PIR3 and PIR4, which are equipped with screw terminals; sockets and relays are mounted on 35 mm rail mount acc. to EN 60715,
- bridges common input signals (coil terminals A1 or A2) or output signals - see photo at the top,
- maximum permissible current is 10 A / 250 V AC,
- possibility of connection of 6 sockets or relays,
- colours of strips: **ZGGZ4-1** grey, **ZGGZ4-2** black.



## Interconnection strips ZGZP... for sockets GZP80



### ■ ZGZP... for:

Plug-in sockets	Relays for plug-in sockets	Interface relays ⑥
GZP80	RM84, RM85, RM85 inrush, RM85 105 °C sensitive, RM87L ④, RM87P ④, RMP84, RMP85	PI84-...-PS-... (RM84 + GZP80) PI85-...-PS-... (RM85 + GZP80) PI84P-...-PS-... (RMP84 + GZP80) PI85P-...-PS-... (RMP85 + GZP80)

⑥ Interface relay **PI84** (**PI85**, **PI84P**, **PI85P**) is offered as a **set**: electromagnetic relay **RM84** (**RM85**, **RMP84**, **RMP85**) + plug-in socket **GZP80** + signalling / protecting module type **M...** + retainer / retractor clip **GZP80-0400**.

④ Also versions RM87. sensitive

### ■ Interconnection strips ZGZP...

- designed for the co-operation with plug-in sockets of miniature relays and with interface relays PI84, PI85, PI84P, PI85P, which are equipped with Push-in terminals; sockets and relays are mounted on 35 mm rail mount acc. to EN 60715,
- strip **ZGZP80-8** bridges common input signals (coil terminals A1 or A2), maximum permissible current is 10 A / 250 V AC, possibility of connection of 8 sockets or relays,



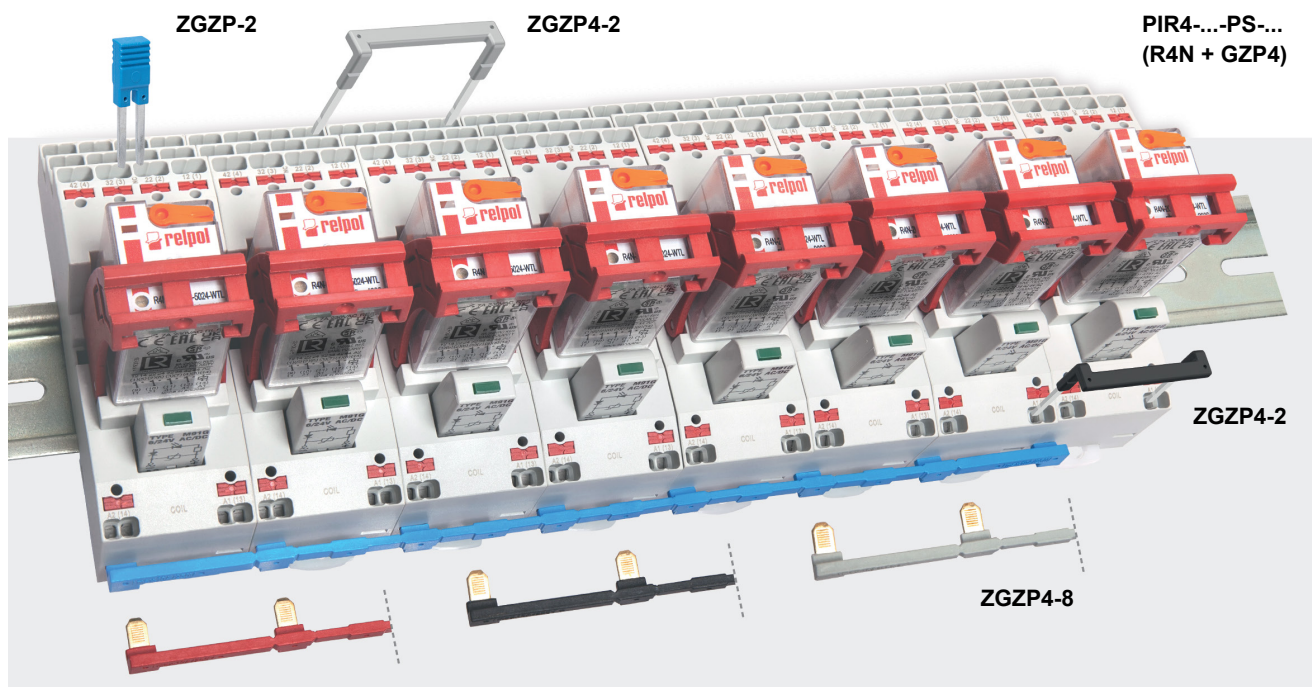
- strip **ZGZP80-2** bridges common input signals (coil terminals A1 or A2) or output signals, possibility of connection of 2+n sockets or relays,



- jumper **ZGZP-2** bridges the neighboring poles of single socket **GZP80** (usage of jumpers ZGZP-2 in interface relays Push-in PI85, PI85P increases load capacity of socket from 12 A to 16 A).




## Interconnection strips ZGZP... for sockets GZP4



### ■ ZGZP... for:

Plug-in sockets	Relays for plug-in sockets	Interface relays 
GZP4	R2N	PIR2-...-PS-... (R2N + GZP4)
	R4N	PIR4-...-PS-... (R4N + GZP4)

 Interface relay **PIR2 (PIR4)** is offered as a **set**: electromagnetic relay **R2N (R4N)** + plug-in socket **GZP4** + signalling / protecting module type **M...** + retainer / retractor clip **GZP4-0400**.

### ■ Interconnection strips ZGZP...

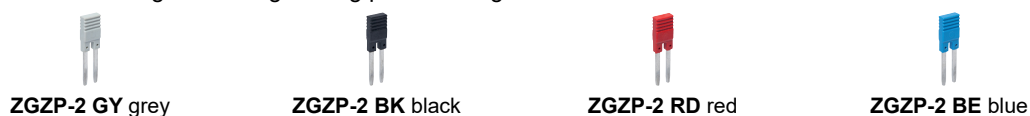
- designed for the co-operation with plug-in sockets of miniature industrial relays and with interface relays PIR2 and PIR4, which are equipped with screw terminals; sockets and relays are mounted on 35 mm rail mount acc. to EN 60715,
- strip **ZGZP4-8** bridges common input signals (coil terminals A1 or A2), maximum permissible current is 10 A / 250 V AC, possibility of connection of 8 sockets or relays,



- strip **ZGZP4-2** bridges common input signals (coil terminals A1 or A2) or output signals, possibility of connection of 2+n sockets or relays,





- jumper **ZGZP-2** bridges the neighboring poles of single socket **GZP4**.













## Additional equipment for industrial relays

Industrial relays for plug-in sockets: R2N, R3N, R4N, R15 - 2 CO , R15 - 3 CO  with **WT equipment as standard** (**W** - mechanical indicator + **T** - lockable front test button). **Detailed information** on additional equipment of individual relays can be found in the data sheets on the side of "Ordering codes".

### Note:

While the relay operates, the test button of the **T** type becomes heated. In order to push the test button manually, you should first turn the supply voltage off, and wait some time until the button becomes colder (or push the button immediately using a protective glove or an insulated tool). The button shall be pushed smoothly and quickly. The normally open contacts are closed with the button for the time during which the button is pushed. Releasing the button opens the normally open contacts. Normally open contacts may be closed with the blocking function of the button (it shall be turned by 90°). When the button is turned back, the normally open contacts are opened.

Type 	Description	For industrial relays
<b>W</b>	mechanical indicator	R2N, R3N, R4N, (R15 - 2 CO, 3 CO  )
<b>T</b>	lockable front test button, orange (AC coils), green (DC coils)	R2N, R3N, R4N, (R15 - 2 CO, 3 CO  )
<b>L</b>	light indicator (LED diode), located inside the relay	R2N, R3N, R4N, (R15 - 2 CO, 3 CO, 4 CO  ) RUC, RUC-M
<b>D</b>	surge suppression element (diode) - only for DC coils	R2N, R3N, R4N, (R15 - 2 CO, 3 CO, 4 CO  )
<b>V</b>	surge suppression element (varistor) - only for AC coils	(R15 - 2 CO, 3 CO  )
<b>K</b>	test button without block function, orange (AC coils), green (DC coils)	(R15 - 4 CO  ) RUC

 Available combinations:


**WT, WTL, WTD, WTLD** - in relays R2N, R3N, R4N for plug-in sockets

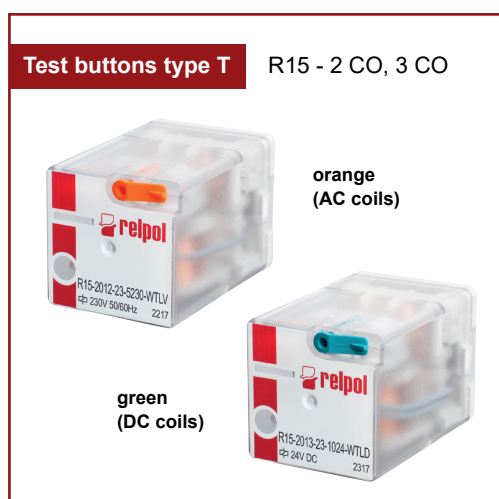
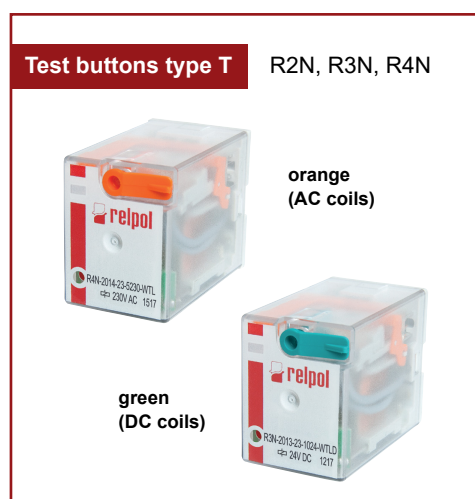
**WT, WTL, WTD, WTLD, WTV, WTLV** - in relays R15 - 2 CO, 3 CO for plug-in sockets

**K, L, D, KL, KD, LD, KLD** - in relays R15 - 4 CO for plug-in sockets


**K, L, KL** - in relays RUC

**L** - in relays RUC-M


 Voltage versions, in covers



## Test buttons (no latching) and plugs

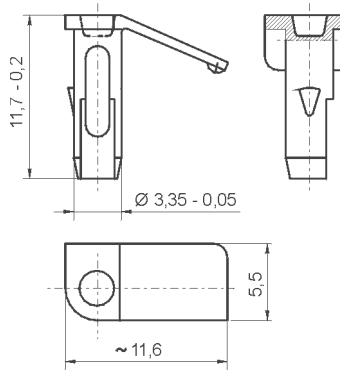
**Test buttons (no latching)** are recommended for R2N...WT, R3N...WT, R4N...WT, R15...WT 2 CO, R15...WT 3 CO relays - **for applications that do not allow permanent contact latching**. By manual operation (pressing the button) relay contacts can get switched for as long time as long the button is pressed. Contacts return to initial position as soon as pressure is released from the button. Those operations can be done while the coil is deenergized .

Button **R4P-0001** or **R15-M404** can be easily inserted by the Customer after removal of button type **T** (see Fig. 2). Button type **T** can be removed with screwdriver as shown on Fig. 1.

 While the relay operates, the test button becomes heated. In order to push the test button manually, you should first turn the supply voltage off, and wait some time until the button becomes colder (or push the button immediately using a protective glove or an insulated tool). The button shall be pushed smoothly and quickly.



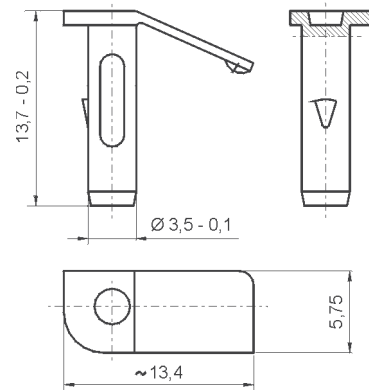
### Dimensions - test button R4P-0001 for R2N...WT, R3N...WT, R4N...WT



Types of buttons:

**R4P-0001-A** - orange colour (AC coils)  
**R4P-0001-D** - green colour (DC coils)

### Dimensions - test button R15-M404 for R15...WT 2 CO, R15...WT 3 CO

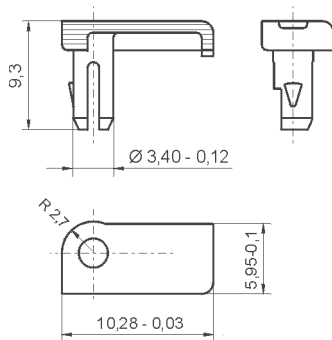


Types of buttons:

**R15-M404-A** - orange colour (AC coils)  
**R15-M404-D** - green colour (DC coils)

**Plugs R4W-0003** or **R15-M203** can substitute button type **T** if **manual operation (latching and testing) is not allowed**. Changing button type **T** for plug can be done by Customer themselves in the same way as changing button type **T** for button (no latching).

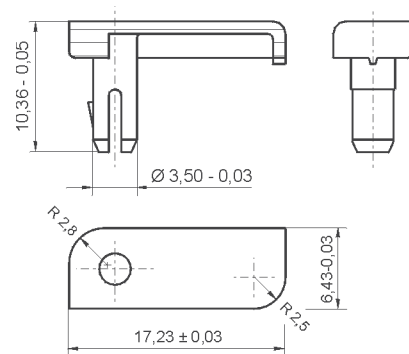
### Dimensions - plug R4W-0003 for R2N...WT, R3N...WT, R4N...WT



Types of plugs:

**R4W-0003-A** - orange colour (AC coils)  
**R4W-0003-D** - green colour (DC coils)

### Dimensions - plug R15-M203 for R15...WT 2 CO, R15...WT 3 CO



Types of plugs:

**R15-M203-A** - orange colour (AC coils)  
**R15-M203-D** - green colour (DC coils)