

Interface relays

Push-in technology



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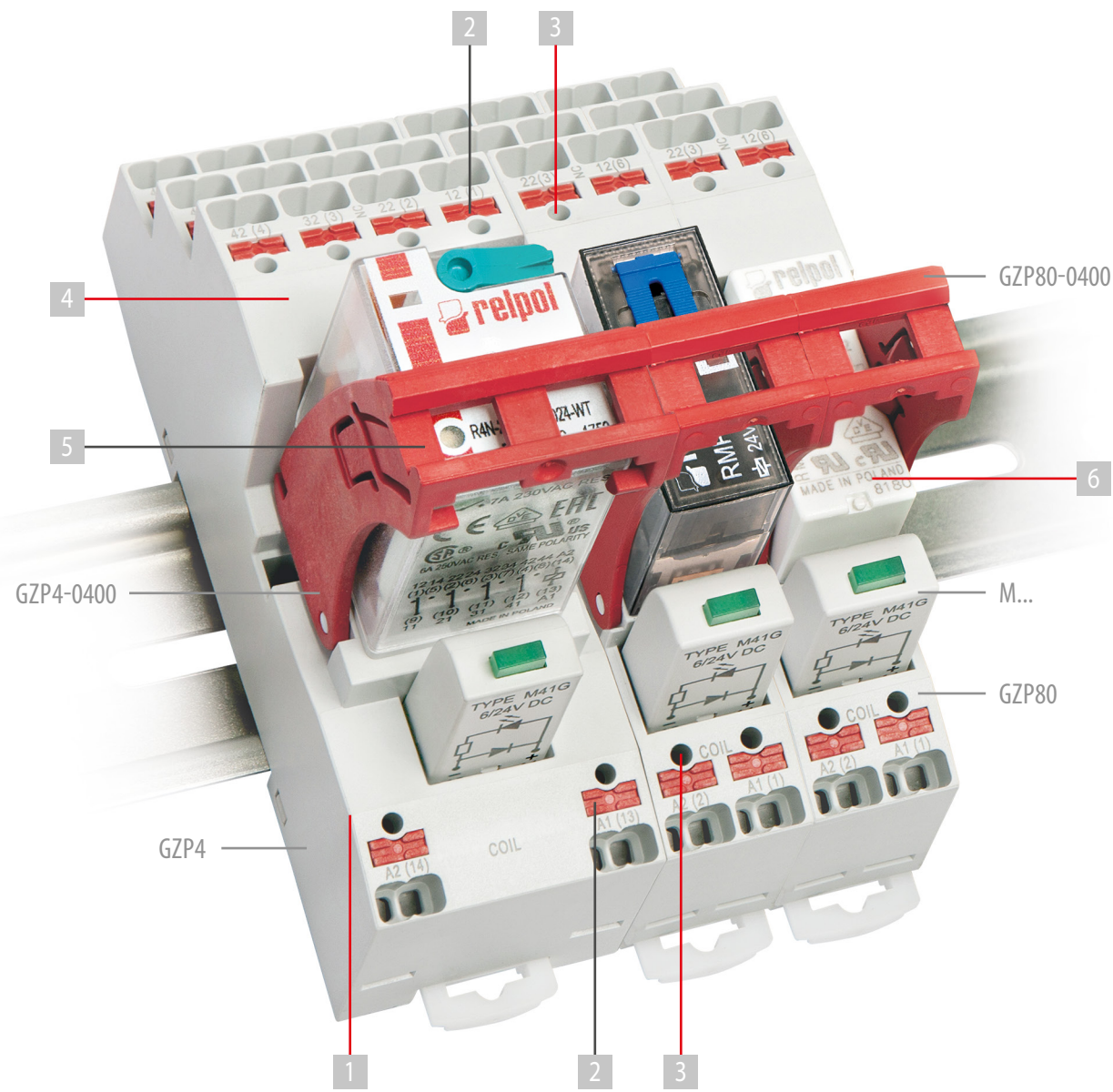
Complete, functional and convenient to install solutions for every application



PI84, PI85

PI84P, PI85P

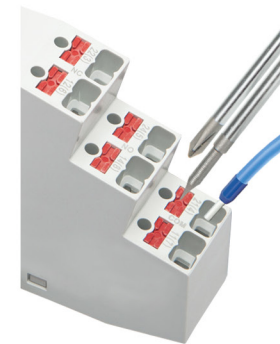
PIR2, PIR4



1 Easy and quick installation through terminals directed to wiring ducts, estetic cabling management, easier content reading from markers on wires



4 Permanent and visible marking with self-adhesive paper, foil or polyester tapes with increased mechanical and environmental resistance, space 15x9 mm (GZP80) or 30x9 mm (GZP4)



2 Safety and reliability thanks to buttons releasing a clamps, fast operation in cable management and assembly without tools



5 Possibility of using universal description plates snap into tall marker groove, compatible with the standard for DIN rail terminal blocks (MP15)



3 Stable position of the probe in the socket holes helps to freedom to perform measurements and control

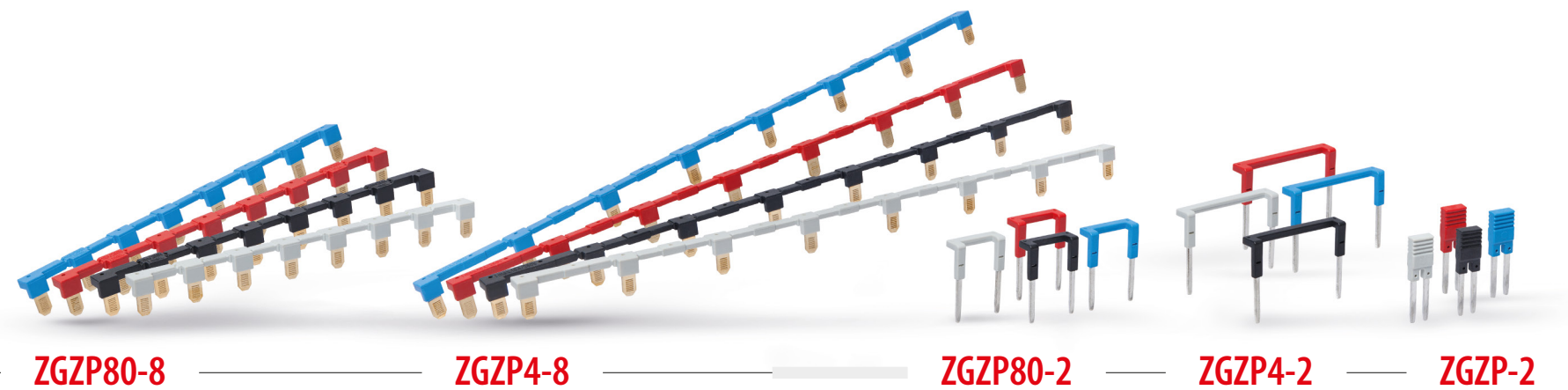


6 Transparent covers optional color cover (AC orange, DC blue), convenient checking of contact status and the relay mechanism (PI84, PI85)

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Fast & flexible bridging, unlimited possibilities using Push-in interconnection strips



1 Strips 2-poles (ZGZP80-2, ZGZP4-2)

- free bridging of common input signals in any application (2 or more relays)
- unique design also for use on the contact side, connecting COM terminals in adjacent sockets (ZGZP80)
- creating parallel connections of outputs of interface relays operating in redundancy systems

2 Unlimited possibilities of bridging

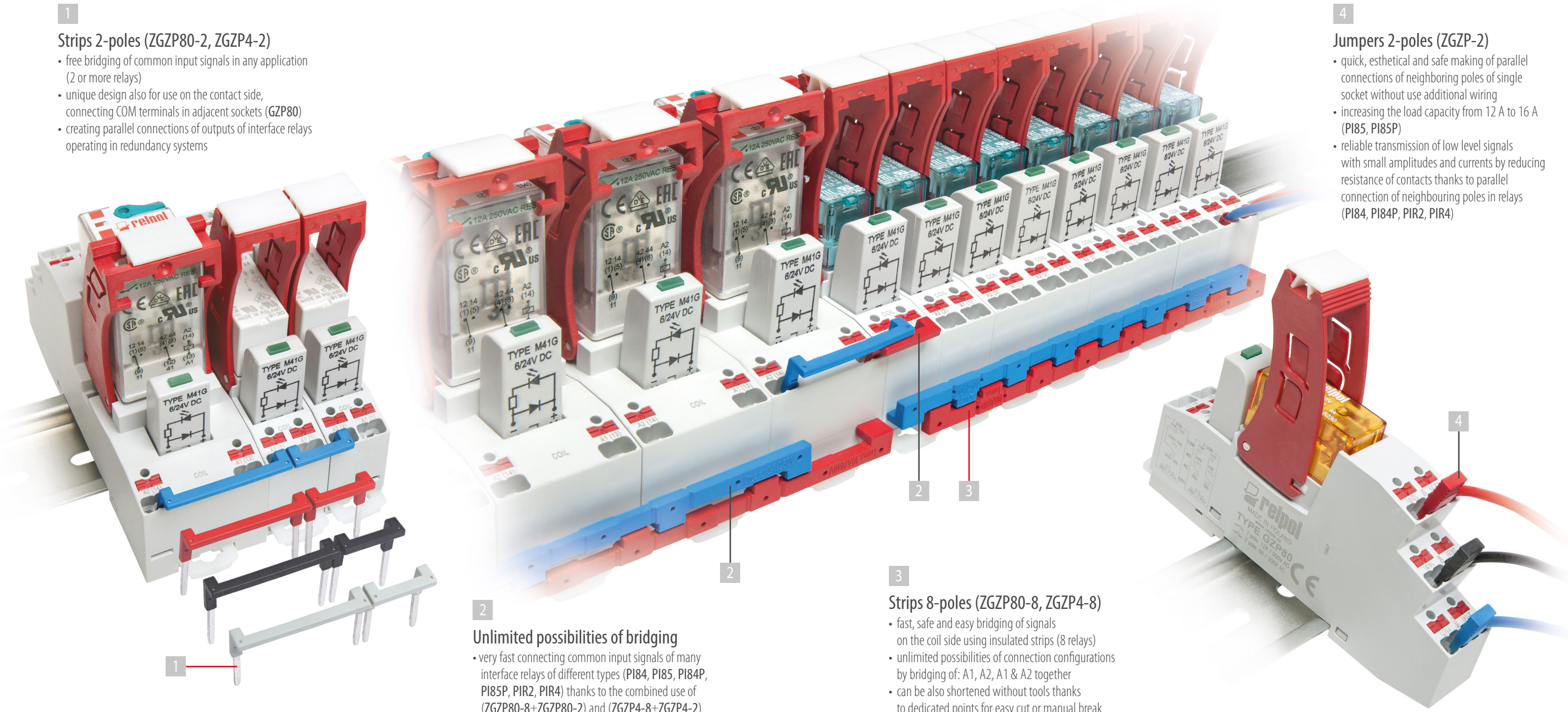
- very fast connecting common input signals of many interface relays of different types (PI84, PI85, PI84P, PI85P, PIR2, PIR4) thanks to the combined use of (ZGZP80-8+ZGZP80-2) and (ZGZP4-8+ZGZP4-2)

3 Strips 8-poles (ZGZP80-8, ZGZP4-8)

- fast, safe and easy bridging of signals on the coil side using insulated strips (8 relays)
- unlimited possibilities of connection configurations by bridging of: A1, A2, A1 & A2 together
- can be also shortened without tools thanks to dedicated points for easy cut or manual break

4 Jumpers 2-poles (ZGZP-2)

- quick, esthetical and safe making of parallel connections of neighboring poles of single socket without use additional wiring
- increasing the load capacity from 12 A to 16 A (PI85, PI85P)
- reliable transmission of low level signals with small amplitudes and currents by reducing resistance of contacts thanks to parallel connection of neighbouring poles in relays (PI84, PI84P, PIR2, PIR4)



PI, PIR selected ordering codes



864833	PI84-024DC-M41G-PS-2012	set: relay RM84 (contacts 2 CO, AgNi, rated load 8 A, coil voltage 24 V DC), socket GZP80 (grey, Push-in), module M41G (version LD), clip GZP80-0400
864990	PI84-024DC-M41G-PS-2012-01	set: relay RM84 in transparent blue cover - coil DC (contacts 2 CO, AgNi, rated load 8 A, coil voltage 24 V DC), socket GZP80 (grey, Push-in), module M41G (version LD), clip GZP80-0400
864834	PI84-024AC-M91G-PS-2012	set: relay RM84 (contacts 2 CO, AgNi, rated load 8 A, coil voltage 24 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M91G (version LV), clip GZP80-0400
864991	PI84-024AC-M91G-PS-2012-01	set: relay RM84 in transparent orange cover - coil AC (contacts 2 CO, AgNi, rated load 8 A, coil voltage 24 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M91G (version LV), clip GZP80-0400
864835	PI84-230AC-M93G-PS-2012	set: relay RM84 (contacts 2 CO, AgNi, rated load 8 A, coil voltage 230 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M93G (version LV), clip GZP80-0400
864992	PI84-230AC-M93G-PS-2012-01	set: relay RM84 in transparent orange cover - coil AC (contacts 2 CO, AgNi, rated load 8 A, coil voltage 230 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M93G (version LV), clip GZP80-0400
864836	PI85-024DC-M41G-PS-2011	set: relay RM85 (contact 1 CO, AgNi, rated load 16 A, coil voltage 24 V DC), socket GZP80 (grey, Push-in), module M41G (version LD), clip GZP80-0400
864993	PI85-024DC-M41G-PS-2011-01	set: relay RM85 in transparent blue cover - coil DC (contact 1 CO, AgNi, rated load 16 A, coil voltage 24 V DC), socket GZP80 (grey, Push-in), module M41G (version LD), clip GZP80-0400
864837	PI85-024AC-M91G-PS-2011	set: relay RM85 (contact 1 CO, AgNi, rated load 16 A, coil voltage 24 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M91G (version LV), clip GZP80-0400
864994	PI85-024AC-M91G-PS-2011-01	set: relay RM85 in transparent orange cover - coil AC (contact 1 CO, AgNi, rated load 16 A, coil voltage 24 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M91G (version LV), clip GZP80-0400
864838	PI85-230AC-M93G-PS-2011	set: relay RM85 (contact 1 CO, AgNi, rated load 16 A, coil voltage 230 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M93G (version LV), clip GZP80-0400
864995	PI85-230AC-M93G-PS-2011-01	set: relay RM85 in transparent orange cover - coil AC (contact 1 CO, AgNi, rated load 16 A, coil voltage 230 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M93G (version LV), clip GZP80-0400
864845	PI84P-024DC-M41G-PS-2012	set: relay RMP84 (contacts 2 CO, AgNi, rated load 8 A, coil voltage 24 V DC), socket GZP80 (grey, Push-in), module M41G (version LD), clip GZP80-0400
864846	PI84P-024AC-M91G-PS-2012	set: relay RMP84 (contacts 2 CO, AgNi, rated load 8 A, coil voltage 24 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M91G (version LV), clip GZP80-0400
864847	PI84P-230AC-M93G-PS-2012	set: relay RMP84 (contacts 2 CO, AgNi, rated load 8 A, coil voltage 230 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M93G (version LV), clip GZP80-0400
864848	PI85P-024DC-M41G-PS-2011	set: relay RMP85 (contact 1 CO, AgNi, rated load 16 A, coil voltage 24 V DC), socket GZP80 (grey, Push-in), module M41G (version LD), clip GZP80-0400
864849	PI85P-024AC-M91G-PS-2011	set: relay RMP85 (contact 1 CO, AgNi, rated load 16 A, coil voltage 24 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M91G (version LV), clip GZP80-0400
864850	PI85P-230AC-M93G-PS-2011	set: relay RMP85 (contact 1 CO, AgNi, rated load 16 A, coil voltage 230 V AC 50/60 Hz), socket GZP80 (grey, Push-in), module M93G (version LV), clip GZP80-0400
864839	PIR2-024DC-M41G-PS-2012	set: relay R2N (contacts 2 CO, AgNi, rated load 12 A, coil voltage 24 V DC), socket GZP4 (grey, Push-in), module M41G (version LD), clip GZP4-0400
864840	PIR2-024AC-M91G-PS-2012	set: relay R2N (contacts 2 CO, AgNi, rated load 12 A, coil voltage 24 V AC 50/60 Hz), socket GZP4 (grey, Push-in), module M91G (version LV), clip GZP4-0400
864841	PIR2-230AC-M93G-PS-2012	set: relay R2N (contacts 2 CO, AgNi, rated load 12 A, coil voltage 230 V AC 50/60 Hz), socket GZP4 (grey, Push-in), module M93G (version LV), clip GZP4-0400
864842	PIR4-024DC-M41G-PS-2014	set: relay R4N (contacts 4 CO, AgNi, rated load 6 A, coil voltage 24 V DC), socket GZP4 (grey, Push-in), module M41G (version LD), clip GZP4-0400
864843	PIR4-024AC-M91G-PS-2014	set: relay R4N (contacts 4 CO, AgNi, rated load 6 A, coil voltage 24 V AC 50/60 Hz), socket GZP4 (grey, Push-in), module M91G (version LV), clip GZP4-0400
864844	PIR4-230AC-M93G-PS-2014	set: relay R4N (contacts 4 CO, AgNi, rated load 6 A, coil voltage 230 V AC 50/60 Hz), socket GZP4 (grey, Push-in), module M93G (version LV), clip GZP4-0400

Ordering codes in table relate to the selected versions of the relays. For other coil voltages and special versions please contact Relpol S.A.

Interface relays are designed for direct mounting on 35 mm rail mount acc. to EN 60715 or on panel mounting (M3 screws).

Connections: max. cross section of the cables: 2 x 1,5 mm² (ferrules without insulation), 2 x 1 mm² (ferrules with insulation), stripping length: 8...10 mm.

ordering codes

2616314	ZGZP-2 GY		jumper 2-poles, bridges the neighboring poles of single socket, for sockets GZP80, GZP4, relays PI84, PI85, PI84P, PI85P, PIR2, PIR4	
2616315	ZGZP-2 BK			
2616316	ZGZP-2 RD			
2616317	ZGZP-2 BE			
2616318	ZGZP80-8 GY		strip 8-poles, bridges common input signals (A1, A2 or A1 and A2 together), for sockets GZP80, relays PI84, PI85, PI84P, PI85P	
2616319	ZGZP80-8 BK			
2616320	ZGZP80-8 RD			
2616321	ZGZP80-8 BE			
2616326	ZGZP80-2 GY		strip 2-poles, bridges common input signals (A1, A2 or A1 and A2 together) or output signals, for sockets GZP80, relays PI84, PI85, PI84P, PI85P	
2616327	ZGZP80-2 BK			
2616328	ZGZP80-2 RD			
2616329	ZGZP80-2 BE			
2616322	ZGZP4-8 GY		strip 8-poles, bridges common input signals (A1, A2 or A1 and A2 together), for sockets GZP4, relays PIR2, PIR4	
2616323	ZGZP4-8 BK			
2616324	ZGZP4-8 RD			
2616325	ZGZP4-8 BE			
2616330	ZGZP4-2 GY		strip 2-poles, bridges common input signals (A1, A2 or A1 and A2 together) or output signals, for sockets GZP4, relays PIR2, PIR4	
2616331	ZGZP4-2 BK			
2616332	ZGZP4-2 RD			
2616333	ZGZP4-2 BE			
2616335	MP15		description plate, for sockets GZP80, GZP4 and clips GZP80-0400, GZP4-0400	

Interconnection strips ZGZP are designed for the co-operation with sockets GZP80, GZP4 and interface relays PI84, PI85, PI84P, PI85P, PIR2, PIR4, which are equipped with Push-in terminals.

Jumpers 2-poles ZGZP-2 bridges the neighboring poles in one socket GZP80 or GZP4, to increase the load capacity of the terminals and/or make a parallel connection of neighbouring poles.

Strips 8-poles ZGZP80-8, ZGZP4-8 bridges common input signals, maximum permissible current is 10 A / 250 V AC, possibility of connection of 8 sockets or relays.

Strips 2-poles ZGZP80-2, ZGZP4-2 bridges common input or output signals, possibility of connection of 2+n sockets or relays.

Relays are offered as a sets without description plates (plates MP15 should be ordered separately).



Push-in interface relays

- complete, functional and convenient to install solutions for every application
- labor costs saving solution thanks to easy and quick installation
- best solution for measuring and control thanks to hand free stable position of the measuring probes in the sockets in any position
- safety and reliability thanks to Push-in buttons and best non-flammable materials
- permanent and visible marking thanks to the design allowing to use industrial standard description plates and self-adhesive labels
- fast & flexible bridging, unlimited possibilities thanks to wide range of accessories in 4 different colours

