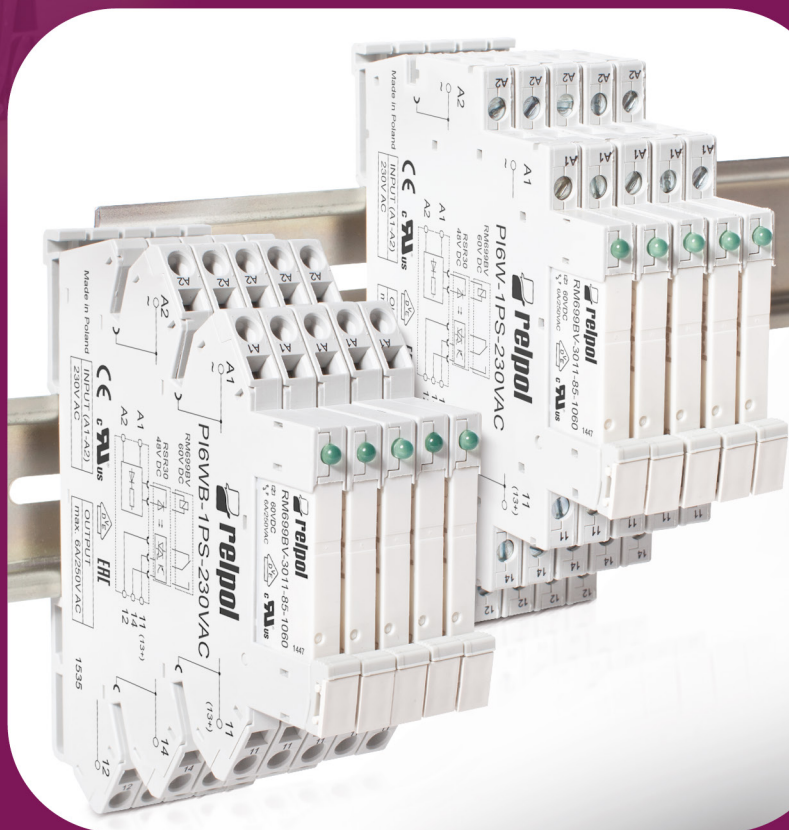
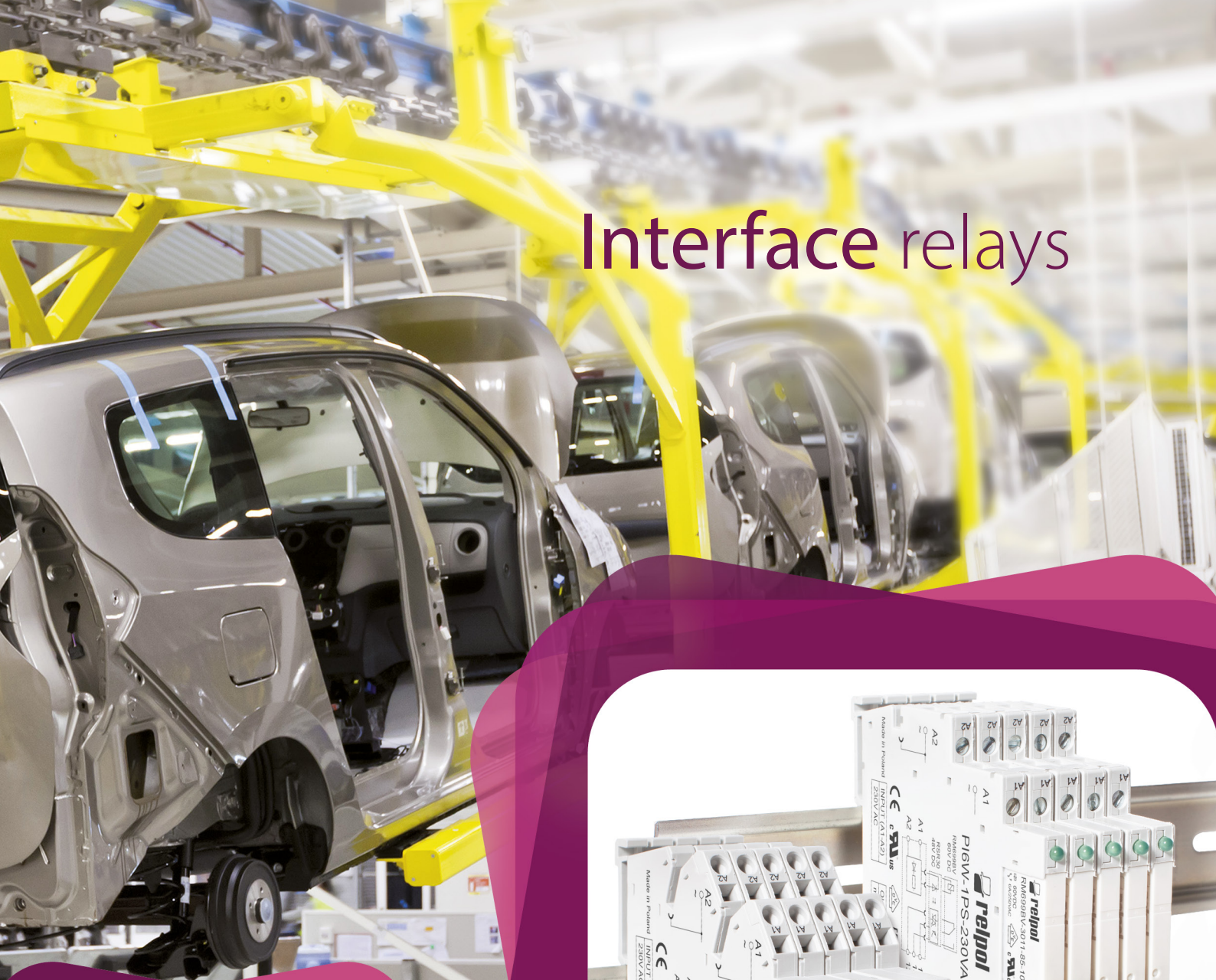


# Interface relays



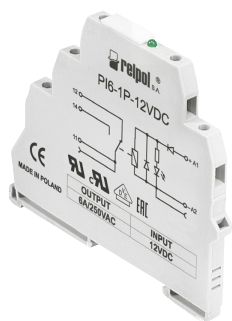
[www.repol.com.pl](http://www.repol.com.pl)  
2015–2016

 **repol**® S.A.

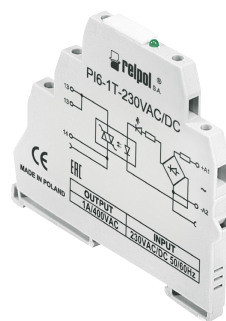


interface relays

# PI6-1P | PI6-1T



PI6-1P  
(contacts)



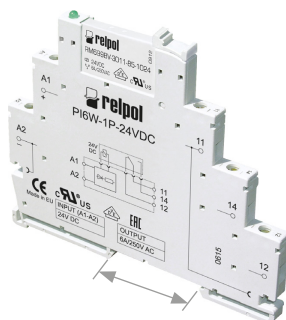
PI6-1T  
(triac)



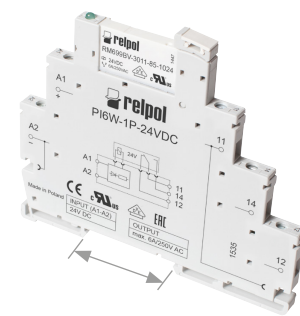
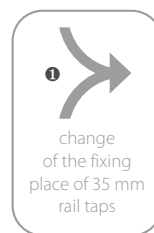
	PI6-1P	PI6-1T
Number & type of outputs	1 CO	1 NO
Rated load	AC1 AgSnO <sub>2</sub> : 6 A / 250 V AC DC1 AgSnO <sub>2</sub> : 6 A / 24 V DC	1,2 A / 400 V AC
Input rated voltage	DC 12 ... 36 V AC/DC 24 ... 230 V AC: 50/60 Hz	5...32 V 24 ... 230 V AC: 50/60 Hz
Dimensions	mm 93,8 x 6,2 x 80	93,8 x 6,2 x 80
Terminals	screw terminals	

interface relays

# PIR6W-1P-...



PIR6W-1P-...  
(contacts)



PIR6W-1P-...  
(contacts)

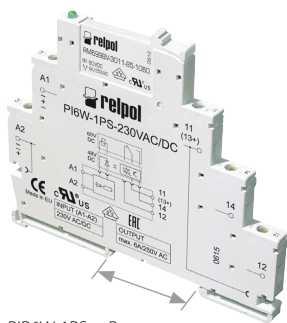
	PIR6W-1P-...
Number & type of outputs	1 CO
Rated load	AC1 AgSnO <sub>2</sub> : 6 A / 250 V AC DC1 AgSnO <sub>2</sub> : 6 A / 24 V DC
Input rated voltage	AC 230 V 50/60 Hz DC 12 ... 36 V AC/DC 24 ... 230 V AC: 50/60 Hz
Dimensions	mm 98,5 x 6,2 x 85,5
Terminals	screw terminals



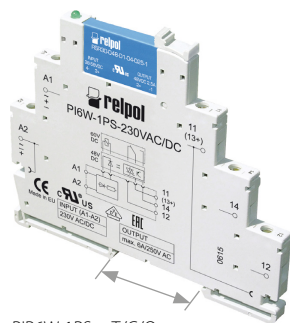
① Dimension drawings – see page 4

interface relays

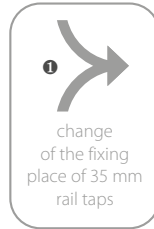
# PIR6W-1PS-...



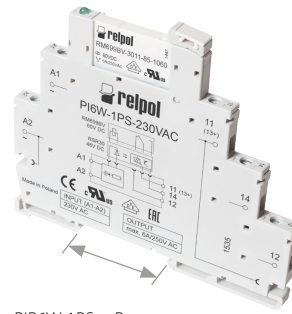
PIR6W-1PS-...-R  
(contacts) ②



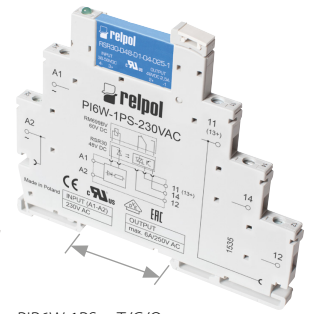
PIR6W-1PS-...-T/C/O  
(triac, transistor) ②



①  
change  
of the fixing  
place of 35 mm  
rail taps



PIR6W-1PS-...-R  
(contacts) ②



PIR6W-1PS-...-T/C/O  
(triac, transistor) ②

- ① Dimension drawings – see page 4
- ② PIR6W...-R: operational electromagnetic relay RM699BV, PIR6W...-T (or C or O): operational solid state relays RSR30 – see [www.relpol.com.pl](http://www.relpol.com.pl)

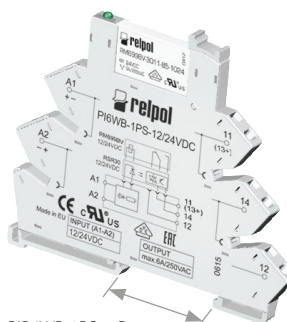
## ② PIR6W-1PS-...-R PIR6W-1PS-...-T/C/O

Number & type of outputs		1 CO	1 NO
Rated load	AC1	PIR6W...-R: 6 A / 250 V AC	PIR6W...-T: 1 A / 240 V AC
	DC1	PIR6W...-R: 6 A / 24 V DC	PIR6W...-C: 1 A / 48 V DC
	DC1		PIR6W...-O: 2 A / 24 V DC
Input rated voltage	AC	230 V 50/60 Hz	230 V 50/60 Hz
	DC	6 ... 60 V	6 ... 60 V
	AC/DC	24 ... 230 V AC: 50/60 Hz	24 ... 230 V AC: 50/60 Hz
Dimensions	mm	98,5 x 6,2 x 85,5	98,5 x 6,2 x 85,5
Terminals		screw terminals	

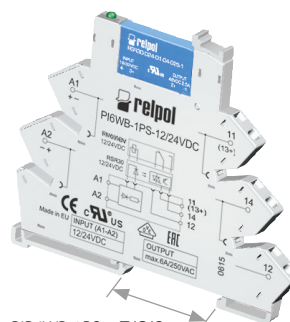


interface relays

# PIR6WB-1PS-...



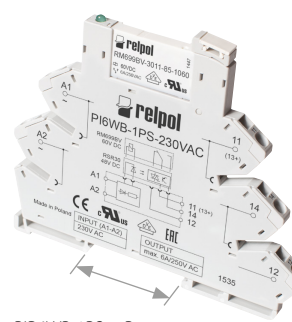
PIR6WB-1PS-...-R  
(contacts) ②



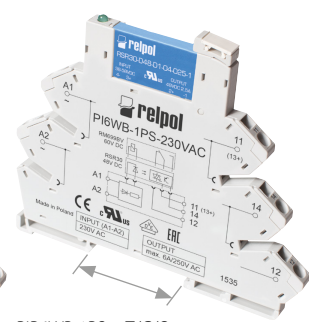
PIR6WB-1PS-...-T/C/O  
(triac, transistor) ②



①  
change  
of the fixing  
place of 35 mm  
rail taps



PIR6WB-1PS-...-R  
(contacts) ②



PIR6WB-1PS-...-T/C/O  
(triac, transistor) ②

- ① Dimension drawings – see page 4
- ② PIR6W...-R: operational electromagnetic relay RM699BV, PIR6W...-T (or C or O): operational solid state relays RSR30 – see [www.relpol.com.pl](http://www.relpol.com.pl)

## ② PIR6WB-1PS-...-R PIR6WB-1PS-...-T/C/O

Number & type of outputs		1 CO	1 NO
Rated load	AC1	PIR6W...-R: 6 A / 250 V AC	PIR6W...-T: 1 A / 240 V AC
	DC1	PIR6W...-R: 6 A / 24 V DC	PIR6W...-C: 1 A / 48 V DC
	DC1		PIR6W...-O: 2 A / 24 V DC
Input rated voltage	AC	230 V 50/60 Hz	230 V 50/60 Hz
	DC	6 ... 60 V	6 ... 60 V
	AC/DC	24 ... 230 V AC: 50/60 Hz	24 ... 230 V AC: 50/60 Hz
Dimensions	mm	98,3 x 6,2 x 84,6	98,3 x 6,2 x 84,6
Terminals		spring terminals (CAGE CLAMP®)	

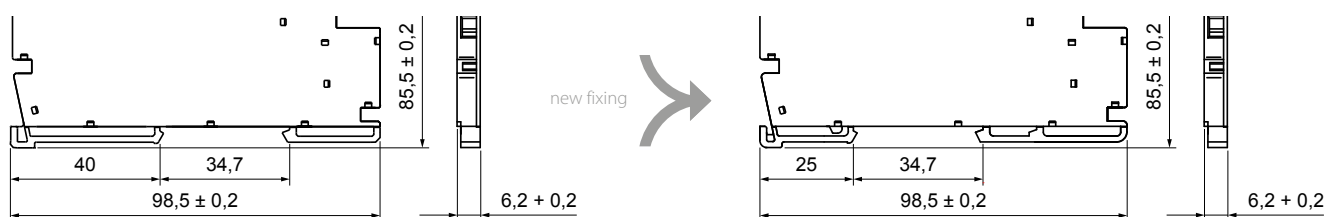


## interface relays – rated input voltage 230 V AC, reduced power consumption

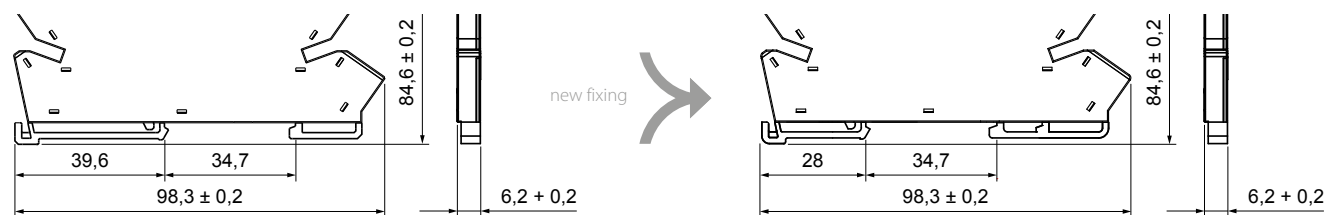
Interface relay code	Rated input voltage $U_n$	Power of input circuit	Socket code	Operational relay code	Rated voltage of operational relay $U_s$
PIR6W-1P-230VAC	230 V AC	$\leq 0,8$ VA	PI6W-1P-230VAC	RM699BV-3011-85-1060	60 V DC
PIR6W-1P-230VAC-01		$\leq 0,8$ VA	PI6W-1P-230VAC	RM699BV-3211-85-1060	60 V DC
PIR6W-1P-230VAC-10		$\leq 0,9$ VA	PI6W-1P-230VAC-10	RM699BV-3011-85-1060	60 V DC
PIR6W-1PS-230VAC-R	230 V AC	$\leq 0,8$ VA	PI6W-1PS-230VAC	RM699BV-3011-85-1060	60 V DC
PIR6W-1PS-230VAC-R01		$\leq 0,8$ VA	PI6W-1PS-230VAC	RM699BV-3211-85-1060	60 V DC
PIR6W-1PS-230VAC-C		$\leq 0,8$ VA	PI6W-1PS-230VAC	RSR30-D48-D1-04-025-1	48 V DC
PIR6W-1PS-230VAC-O		$\leq 0,8$ VA	PI6W-1PS-230VAC	RSR30-D48-D1-02-040-1	48 V DC
PIR6WB-1PS-230VAC-R	230 V AC	$\leq 0,8$ VA	PI6WB-1PS-230VAC	RM699BV-3011-85-1060	60 V DC
PIR6WB-1PS-230VAC-R01		$\leq 0,8$ VA	PI6WB-1PS-230VAC	RM699BV-3211-85-1060	60 V DC
PIR6WB-1PS-230VAC-C		$\leq 0,8$ VA	PI6WB-1PS-230VAC	RSR30-D48-D1-04-025-1	48 V DC
PIR6WB-1PS-230VAC-O		$\leq 0,8$ VA	PI6WB-1PS-230VAC	RSR30-D48-D1-02-040-1	48 V DC
PIR6WB-1P-230VAC-10		$\leq 0,9$ VA	PI6WB-1P-230VAC-10	RM699BV-3011-85-1060	60 V DC

## interface relays – change of the fixing place of 35 mm rail taps

### PIR6W-1P-..., PIR6W-1PS-...



### PIR6WB-1PS-...



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.

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### 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.