



**PTJA / PTJB
DTJA / DTJB**

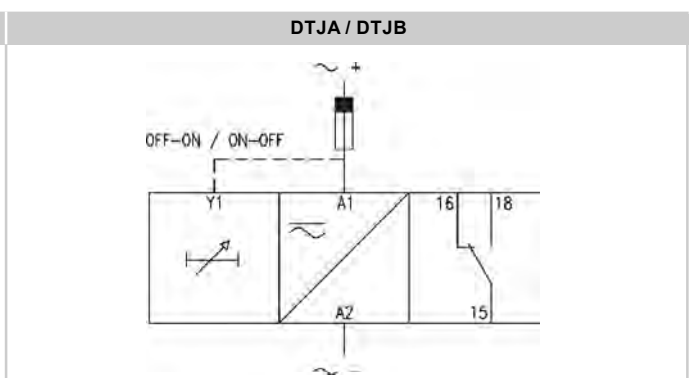
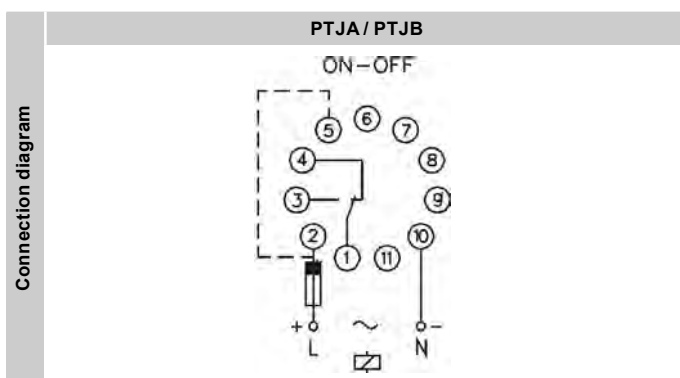
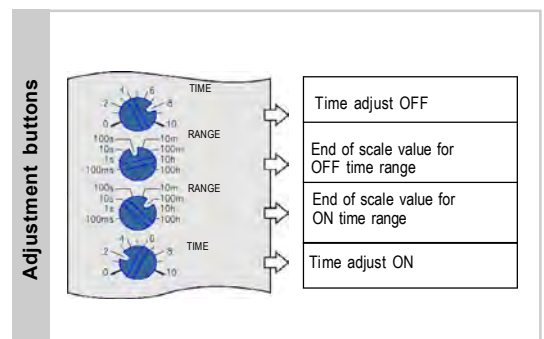
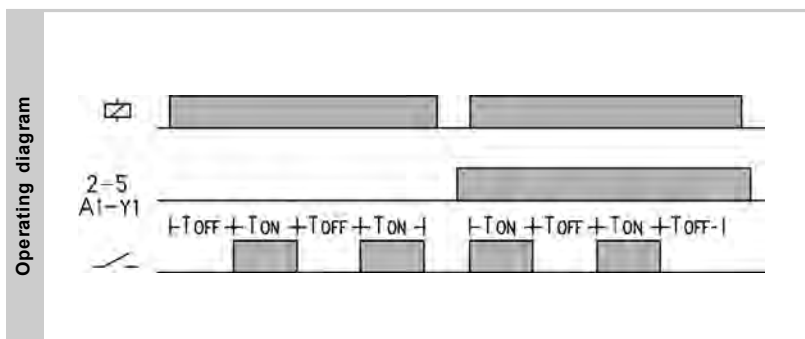


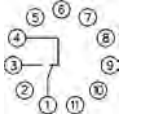
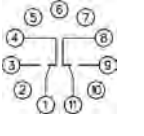
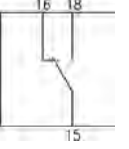
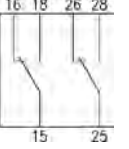
**ASSYMETRICAL
RECYCLER**

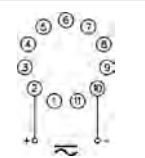
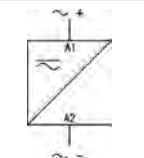
Function	· Assymetrical recycler. · Two independent ranges for each time.
Difference	Multirange - Multivoltage
Operating principle	OFF-ON: When the supply voltage is connected, the time circuit pre-set on the OFF control starts-up. After this time, the relay operate and stays in this state for the time pre-set on the ON control. The cycle repeats itself non-stop. ON-OFF: When the supply voltage is connected, the relay operates immediately and the time circuit pre-set on the ON control starts-up. After this time, the relay releases and stays in this state for the time pre-set on the OFF control. The cycle repeats itself non-stop.
Leds indication	Power on: Green Relay on: Red
Ranges	The two time ranges (OFF and ON) must be adjusted separately and can be different between them.
Repeating precision	±0,02%
Precision	±0,6%
Reset	By disconnecting the supply for longer than 20ms.

	HOUSING	FUNCTION	OUTPUT	SUPPLY	RANGES
Reference	P Plug-in	TJ Assymetrical recycler	A SPDT B DPDT	U40 24..240 VAC/DC	100
	D DIN rail				
					10 ..100 ms 0,1 ..1 s 1 ..10 s 10 ..100 s 1 ..10 min 10 ..100 min 1 ..10 h 10 ..100 h

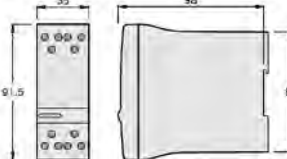
To compose the reference, select one option of each column. Example: **PTJA U40 100**



		PTJA	PTJB	DTJA	DTJB	
						
Output relays	Resistive load	AC	10 A / 250 V	8 A / 250 V	10 A / 250 V	8 A / 250 V
		DC	0,4 A / 200 V 10 A / 24 V	0,25 A / 200 V 8 A / 24 V	0,4 A / 200 V 10 A / 24 V	0,25 A / 200 V 8 A / 24 V
	Inductive load	AC	5 A / 250 V	2,5 A / 250 V	5 A / 250 V	2,5 A / 250 V
		DC	5 A / 24 V	4 A / 24 V	5 A / 24 V	4 A / 24 V
	Mechanical life		> 30 x 10 ⁶ operations		> 30 x 10 ⁶ operations	
	Max. switching rate, mech.		72.000 operations / hour		72.000 operations / hour	
	Electrical life at full load		360 operations / hour		360 operations / hour	
	Contact material		AgNi 90/10		AgNi 90/10	
	Maximum voltage		440 VAC		440 VAC	
	Operating voltage		250 VAC		250 VAC	
Volt. between changeovers		2500 VAC		2500 VAC		
Voltage between contacts		1000 VAC		1000 VAC		
Voltage coil/contact		5000 VAC		5000 VAC		
Distance coil/contact		10 mm		10 mm		
Isolation resistance		> 10 ⁴ MΩ		> 10 ⁴ MΩ		

	ACDC	
	PTJA / PTJB	DTJA / DTJB
		
Galvanic isolation	No	
Consumption	1,7 W	
Frequency	-	
Operating margins	-	
Positive	Terminal 2	Terminal A1
Protected polarity	Yes	

	PTJA / PTJB	DTJA / DTJB
	Voltage phase-neutral	300 V
Overvoltage category	III	III
Rated impulse voltage	4 kV	4 kV
Pollution degree	2	3
Protection	IP 20 B	IP 20
Approximate weight	250 g	280 g
Storage temperature	-50°C..+85°C	-50°C..+85°C
Operating temperature	-20°C..+50°C	-20°C..+50°C
Humidity	30..85% HR	30..85% HR
Housing	Cycloy - Light grey	Cycloy - Light grey
Socket	Lexan - Light grey	-
Visor leds	Lexan - Transparent	Lexan - Transparent
Button, terminal block, clip	Technyl - Dark blue	Technyl - Dark blue
Pins of the socket	Nickled brass	-
Pins of the terminal block	-	Brass
Approvals	Designed and manufactured under EEC standards. Electromagnetic compatibility, directive EMC 2004/108/CEE (UNE-EN 61000 6-4/2007/A1:2011, UNE-EN 61000 6-2/2006). Electric safety, directive LVD 2006/95/CEE (UNE-EN-60204-1/2007/A1:2009; UNE-EN 61010-1/2011). Directive about certain hazardous substances 2011/65/CEE de 8/06/2011 Pb, Hg, Cd, Cr+6, PBB, PBDE. Plastics: UL 91 V0 .	

Dimensions	PTJA / PTJB	DTJA / DTJB
		

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