

PTAA / PTAB DTAA / DTAB



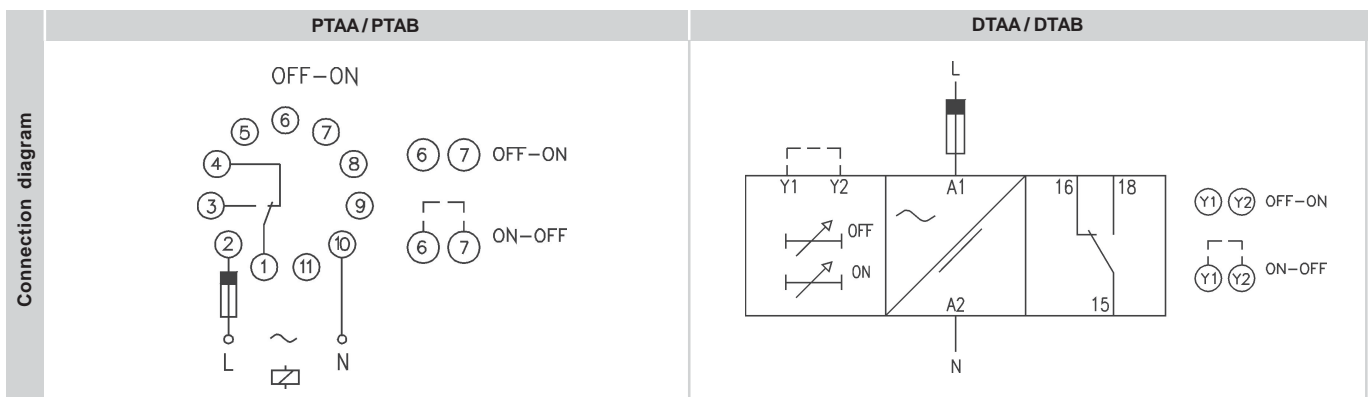
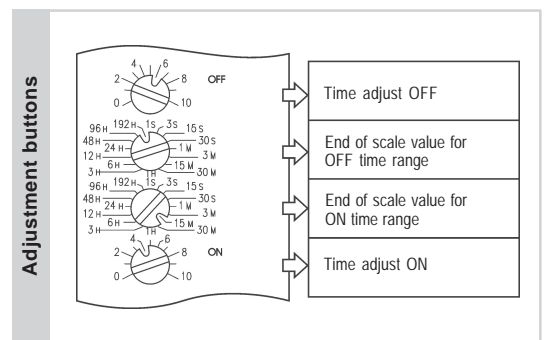
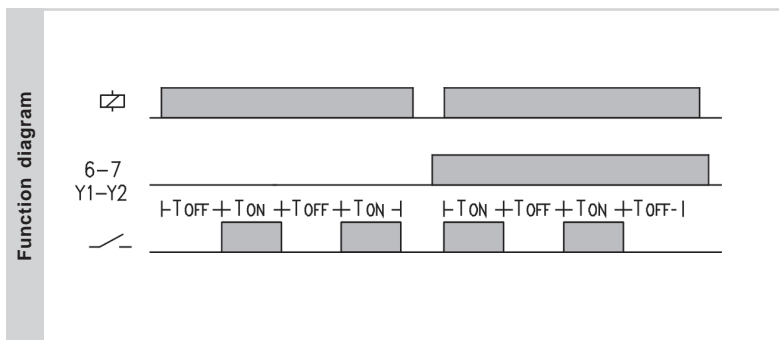
ASSYMETRICAL RECYCLER TIMER

Function	Assymetrical recycler. Two independent times.
Difference	Multirange
Operating principle	<p>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.</p> <p>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.</p>
Leds indication	Power on: Green Relay on: Red
Ranges	Adjustable ranges by independent selectors for ON and OFF.
Repeating precision	±1%
Precision	±2%
Reset	By disconnecting the supply for longer than 60ms.

Reference	HOUSING	FUNCTION	OUTPUT	SUPPLY	RANGE
	P Plug In D DIN Rail	TA Delay on operate timer	A SPDT B DPDT	U24 24 VAC/DC 724 24 VDC 024 24 VAC 110 110..125 VAC 230 220..240 VAC 400 380..415 VAC 901 15..70 VAC/DC 902 60..240 VAC/DC	192 0,1..1 S 0,3..3 S 1,5..15 S 3..30 S 6..60 S 18..180 S 1,5..15 M 3..30 M

Selection by rotary switch

To compose the reference, select one option of each column. Example: **PTAA U40 192 24H**



		PTAA	PTAB	DTAA	DTAB	
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		

	AC		DC		ACDC	
	PTAA / PTAB	DTAA / DTAB	PTAA / PTAB	DTAA / DTAB	PTAA / PTAB	DTAA / DTAB
Galvanic isolation	No		No		9XX: Sí	UXX: No
Consumption	1,6 VA		1,2 W		1,6 W	1,7 W
Frequency	50/60 Hz		-		-	
Operating margins	± 15%		± 10%		-	
Positive	-		Terminal 2	Terminal A1	Terminal 2	Terminal A1
Protected polarity	-		Sí		Sí	

Constructive and environmental data	PTAA / PTAB	DTAA / DTAB	
	Voltage phase-neutral	300 V	300 V
	Overvoltage category	III	III
	Rated impulse voltage	4 kV	4 kV
	Pollution degree	2	2
	Protection	IP 20	IP 20
	Approximate weight	270 g	270 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	Cycloley - Light grey	Cycloley - Light grey
	Socket	-	-
	Leds cover	Lexan - Transparent	Lexan - Transparent
	Button, terminal block, clip	Technyl - Dark blue	Technyl - Dark blue
	Pins of the socket	-	-
Pins of the terminal block	Brass	Brass	
Approvals	Designed and manufactured under EEC standards. Electromagnetic compatibility , directives 89/366/EEC and 92/31/EEC. Electric safety, directive 73/23/EEC. Plastics: UL 91 V0		

Dimensions	PTAA / PTAB	DTAA / DTAB

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