

### ■ Types

Description	Operation	Contact arrangement		Timer body Type	Required socket type		
		Timed	Instant.		Surface mounting Type	Flush mounting Type	Rail mounting Type
<b>Super Timer</b> Multi-range, compact body	Multi-mode • On-delay • Flicker • One-shot • Signal off-delay	2PDT	–	<b>MS4SM</b>	TP411X 11GB + FX3 (Hold-down spring)	TP411SBA+TX4 (Adaptor) ATX2NS+TX4 (Adaptor)	TP411X
	On-delay	2PDT SPDT	– SPDT	<b>MS4SA</b> <b>MS4SC</b>	TP48X 8GB + FX3 (Hold-down spring)	TP48SB+TX4 (Adaptor) ATX1NS+TX4 (Adaptor)	TP48X
	Off-delay	2PDT SPDT	–	<b>MS4SF</b> <b>MS4SF-R</b>			
	Star-delta	2NO	1NO	<b>MS4SY</b>			
	On-delay with electrical reset	2PDT	–	<b>MS4SE</b>			
	On-off repetitive operation	2PDT	–	<b>MS4SR</b>			
	On-off	SPDT	–	<b>MS4SB</b>			
<b>Super Timer</b> Miniature size	On-delay	2PDT	–	<b>ST7P-2</b>	TP88 TP88R2 TP88B	–	TP88X2 TP88X1
	Off-delay	SPDT	–	<b>ST7PF</b>			
	On-delay	4PDT	–	<b>ST7P-4</b>	TP814 TP814R2 TP814B	–	TP814X2 TP814X1

Description	Contact arrangement		Input voltage (V)	Timer body Surface mounting Type	Flush mounting Type	Required socket Type
	Timed	Instant.				
<b>Digital timer</b>	SPDT	–	100–110V AC 200–220V AC 24V DC	<b>SD4</b> <b>SD4D</b>	<b>SD4</b> <b>SD4D</b>	• Surface mounting TP28X-UL • Flush mounting TP48SB ATX1NS
	SPDT	–	100–240V AC 24V AC/DC	<b>MD4E-AP</b> <b>MD4E-CE</b>	<b>MD4E-AP</b> <b>MD4E-CE</b>	• Surface mounting TP48X 8GB • Flush mounting TP48SB ATX1NS