

# Electronic Timers Selection Guide

[multi-function timers]

**XMW XM XW XT XOT SXM SXT TXM TXW TXT**




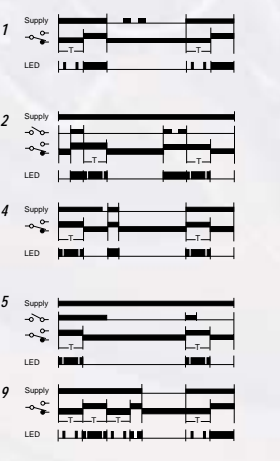
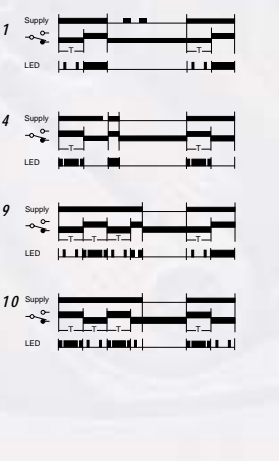
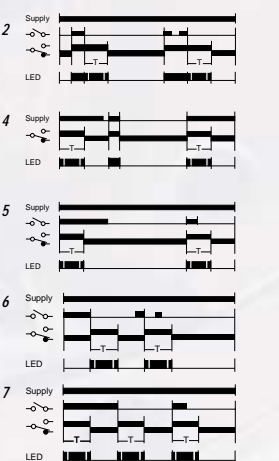








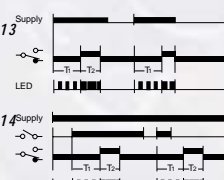
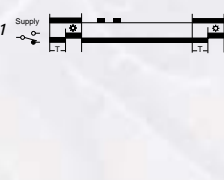
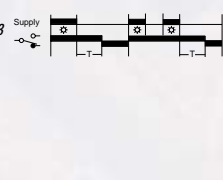
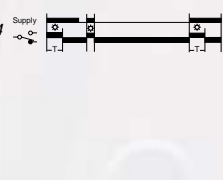
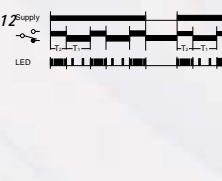
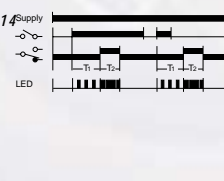
[single function timers]





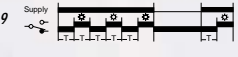
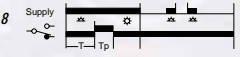
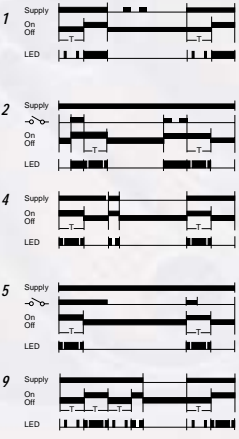
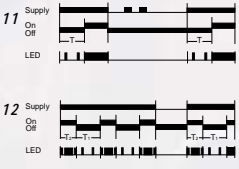
**XI XF XWI XB XIW**




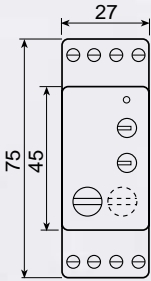
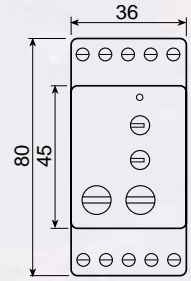
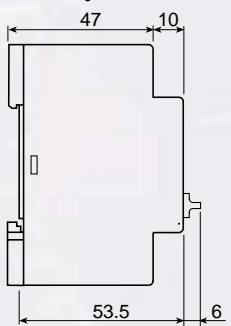
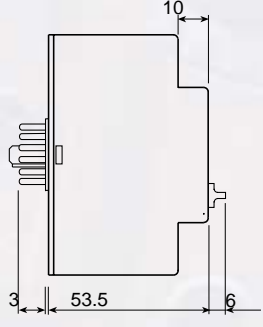


# Selection Guide

<p><b>Type</b></p> <p><i>Multi-function</i> <i>Single Function</i></p>	 <p><b>XMW</b></p> <p><i>Multi-function</i></p>	 <p><b>XM</b></p> <p><i>Multi-function</i></p>	 <p><b>XW</b></p> <p><i>Multi-function</i></p>
<p><b>Functions</b></p> <p><b>1</b> On delay <b>2</b> Release delay <b>3</b> Release delay - true off <b>4</b> On pulse - without control switch <b>5</b> On pulse - with control switch <b>6</b> Off pulse <b>7</b> On-off pulse <b>8</b> Delayed pulse (VID starter) <b>9</b> Symmetrical recycler with pause start <b>10</b> Symmetrical recycler with pulse start <b>11</b> Asymmetrical recycler with pause start <b>12</b> Asymmetrical recycler with pulse start <b>13</b> One shot asymmetrical - without control switch <b>14</b> One shot asymmetrical - with control switch</p>	<p>On delay Release delay On pulse - without control switch On pulse - with control switch Symmetrical recycler with pause start</p>	<p>On delay On pulse - without control switch Symmetrical recycler with pause start Symmetrical recycler with pulse start</p>	<p>Release delay On pulse - without control switch On pulse - with control switch Off pulse On-Off pulse</p>
<p><b>Ordering Code Example</b></p>	<p><b>XMW - S 1 H</b></p>	<p><b>XM - S 1</b></p>	<p><b>XW - S 1</b></p>
<p><b>Mounting</b></p> <p>11-pole plug-in <i>S</i> DIN rail <i>D</i></p>	<p><i>S</i> <i>D</i></p>	<p><i>S</i> <i>D</i></p>	<p><i>S</i> <i>D</i></p>
<p><b>Output</b></p> <p>Relay SPDT <b>1</b> Relay DPDT <b>2</b></p>	<p>8A/240V AC <b>1</b> 5A/240V AC <b>2</b></p> <p><i>D type only available with SPDT output</i></p>	<p>8A/240V AC <b>1</b> 5A/240V AC <b>2</b></p>	<p>8A/240V AC <b>1</b> 5A/240V AC <b>2</b></p> <p><i>D type only available with SPDT output</i></p>
<p><b>Supply Voltage</b></p>	<p>10.5-265V AC/DC</p>	<p>10.5-265V AC/DC</p>	<p>10.5-265V AC/DC</p>
<p><b>Time Ranges</b></p>	<p>0.6 sec.-60 min. 0.6 min.-60 hrs. <b>H</b></p> <p><i>Time range subdivided in 4</i></p>	<p>0.6 sec.-60 min.</p> <p><i>Time range subdivided in 4</i></p>	<p>0.6 sec.-60 min.</p> <p><i>Time range subdivided in 4</i></p>
<p><b>Options</b></p> <p>Remote time adjustment <i>E</i> Transistor output <i>N</i> Remote timer interrupt <i>S</i> Remote timer start <i>H</i></p>			
<p><b>Operation Diagram</b></p> <p><i>Number refers to timer function</i></p>			

 <b>XT</b> <i>Multi-function</i>	 <b>XOT</b> <i>Multi-function</i>	 <b>XI</b> <i>Single Function</i>	 <b>XF</b> <i>Single Function</i>	 <b>XWI</b> <i>Single Function</i>
<p><i>Asymmetrical recycler with pause start</i> <i>Asymmetrical recycler with pulse start</i></p>	<p><i>One shot asymmetrical - without control switch</i> <i>One shot asymmetrical - with control switch</i></p>	<p><i>On delay</i></p>	<p><i>Release delay - true off</i></p>	<p><i>On pulse - without control switch</i></p>
<p><b>XT - S 1 LH</b></p>	<p><b>XOT - S 1 LH</b></p>	<p><b>XI - S 1 230 N1</b></p>	<p><b>XF - S 1 230 1</b></p>	<p><b>XWI - S 1 230 N1</b></p>
<p><b>S</b> <b>D</b></p>	<p><b>S</b> <b>D</b></p>	<p><b>S</b> <b>D</b></p>	<p><b>S</b> <b>D</b></p>	<p><b>S</b> <b>D</b></p>
<p>8A/240V AC 1 5A/240V AC 2</p> <p><i>D type only available with SPDT output</i></p>	<p>8A/240V AC 1 5A/240V AC 2</p> <p><i>D type only available with SPDT output</i></p>	<p>8A/240V AC 1 5A/240V AC 2</p>	<p>8A/240V AC 1 5A/240V AC 2</p>	<p>8A/240V AC 1 5A/240V AC 2</p>
<p>10.5-265V AC/DC</p>	<p>10.5-265V AC/DC</p>	<p>24V AC/DC 024 48V AC/DC 048 110/120V AC 115 220/240V AC 230 380/415V AC 400</p>	<p>24V AC/DC 024 48V AC/DC 048 110/120V AC 115 220/240V AC 230 380V AC 380</p>	<p>24V AC/DC 024 48V AC/DC 048 110/120V AC 115 220/240V AC 230 380/415V AC 400</p>
<p>0.6 sec.-60 min. L 0.6 min.-60 hrs. H (Example pause/pulse: LH)</p> <p><i>Time range subdivided in 4</i></p>	<p>0.6 sec.-60 min. L 0.6 min.-60 hrs. H (pause/pulse: LH)</p> <p><i>Time range subdivided in 4</i></p>	<p>0.1-3 sec. N1 1-30 sec. N2 0.1-3 min. N3 1-30 min. N4</p>	<p>0.1-3 sec. 1 1-30 sec. 2 0.1-3 min. 3</p>	<p>0.1-3 sec. N1 1-30 sec. N2 0.1-3 min. N3 1-30 min. N4</p>
				
				

			
<b>XB</b> Single Function	<b>XIW</b> Single Function	<b>SXM</b> Multi-function	<b>SXT</b> Multi-function
Symmetrical recycler with pause start	Delayed pulse (Y/D starter)	On delay Release delay  On pulse - without control switch On pulse - with control switch  Symmetrical recycler with pause start	Asymmetrical recycler with pause start Asymmetrical recycler with pulse start
<b>XB - S 1 230 N1</b>	<b>XIW - S 1 230</b>	<b>SXM - S A 230</b>	<b>SXT - S A 230</b>
<b>S</b> <b>D</b>	<b>S</b> <b>D</b>	<b>S</b> <b>D</b>	<b>S</b> <b>D</b>
8A/240V AC 1 5A/240V AC 2	8A/240V AC 1 5A/240V AC 2	1A/12-240V AC A (Solid state) 2A/12-48V DC D (Transistor)	1A/12-240V AC A (Solid state) 2A/12-48V DC D (Transistor)
24V AC/DC 024 48V AC/DC 048 110/120V AC 115 220/240V AC 230 380/415V AC 400	24V AC/DC 024 48V AC/DC 048 110/120V AC 115 220/240V AC 230 380/415V AC 400	110/120V AC & 12-24V AC/DC 115 220/240V AC & 12-24V AC/DC 230	110/120V AC & 12-24V AC/DC 115 220/240V AC & 12-24V AC/DC 230
0.1-3 sec. N1 1-30 sec. N2 0.1-3 min. N3 1-30 min. N4	1.5-60 sec. 75 msec. pulse	0.1 sec.-10 min.  Time range subdivided in 4	0.1 sec.-10 min.  Time range subdivided in 4
			

 <b>TXM</b> <i>Multi-function</i>	 <b>TXW</b> <i>Multi-function</i>	 <b>TXT</b> <i>Multi-function</i>	<b>Mechanical Dimensions</b>
<i>On delay</i>  <i>On pulse - without control switch</i>  <i>Symmetrical recycler with pause start</i> <i>Symmetrical recycler with pulse start</i>	<i>Release delay</i>  <i>On pulse - without control switch</i> <i>On pulse - with control switch</i> <i>Off pulse</i> <i>On-off pulse</i>	<i>Asymmetrical recycler with pause start</i> <i>Asymmetrical recycler with pulse start</i>	<b>Front, X-types</b> 
<b>TXM - S 1 230. L / E</b>	<b>TXW - S 1 230. L / E</b>	<b>TXT - S 1 230. LL / E</b>	<b>Front, TX-types</b> 
<b>S</b> <b>D</b>	<b>S</b> <b>D</b>	<b>S</b> <b>D</b>	<b>DIN rail mounting</b> 
5A/240V AC 1 5A/240V AC 2  <i>Transistor: Max. 0.1A/30V DC</i>	5A/240V AC 1 5A/240V AC 2  <i>Transistor: Max. 0.1A/30V DC</i>	5A/240V AC 1 5A/240V AC 2  <i>Transistor: Max. 0.1A/30V DC</i>	<b>11-pole plug-in mounting</b> 
12V AC/DC 912 24V AC/DC 924 24V AC 024 110/120V AC 115 220/240V AC 230 380/415 V AC 400	12V AC/DC 912 24V AC/DC 924 24V AC 024 110/120V AC 115 220/240V AC 230 380/415 V AC 400	12V AC/DC 912 24V AC/DC 924 24V AC 024 110/120V AC 115 220/240V AC 230 380/415 V AC 400	
0.1 sec.-10 min. L 1 min.-100 hrs. H  <i>Time range subdivided in 4</i>	0.1 sec.-10 min. L 1 min.-100 hrs. H  <i>Time range subdivided in 4</i>	0.1 sec.-10 min. L 1 min.-100 hrs. H <i>(Example pause/pulse: LL)</i>  <i>Time range subdivided in 4</i>	
Remote time adjustment E Transistor output N Remote timer interrupt S Remote timer start H	Remote time adjustment E Transistor output N	Remote time adjustment E Transistor output N Remote timer interrupt S	
