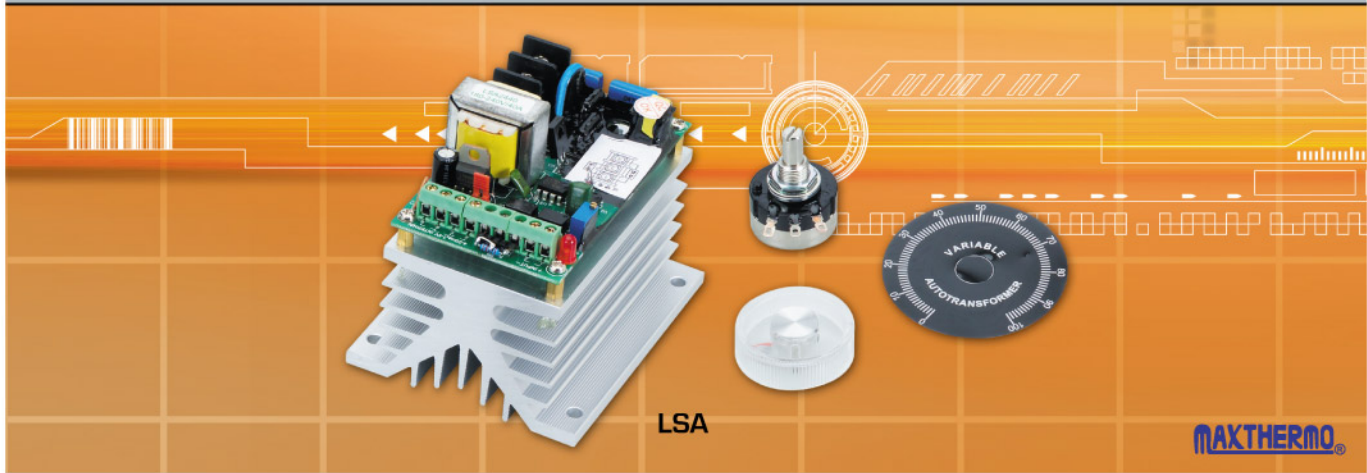


MAXTHERMO®

Linear Solid State Relays (S. S. R.)

Model No.	LSR					
		1225	1240	2425	2440	2625
	3825	3840	4425	4440	4825	4840
Dimensions (Unit: mm)						
Load Current Rating (A)	40 30 20 10	25A 40A	25A 40A	25A 40A	25A 40A	25A 40A
Load Voltage (V)	80~120 Vrms 320~380 Vrms		180~240 Vrms 380~440 Vrms		200~260 Vrms 420~480 Vrms	
I <sup>2</sup> t (t=8.3ms) A <sup>2</sup> S	250A / 400A <sup>2</sup> s 250A / 400A <sup>2</sup> s	400A / 664A <sup>2</sup> s 400A / 664A <sup>2</sup> s	250A / 400A <sup>2</sup> s 250A / 400A <sup>2</sup> s	400A / 664A <sup>2</sup> s 400A / 664A <sup>2</sup> s	250A / 400A <sup>2</sup> s 250A / 400A <sup>2</sup> s	400A / 664A <sup>2</sup> s 400A / 664A <sup>2</sup> s
Applicable Load	Resistance Load					
Minimum Load Current	100 mA					
Output Power Range	0~97 % (Linear)					
Input to Output Isolation Voltage	2500 Vrms					
Operating Temperature	-20°C to +55°C					
Net Weight (g) (Include heat sink)	490 g					
Input Specification	Control Voltage Range (VDC)	—				
	Power Adjust Resistor	10KΩ ( B type)				
Notation						
Features	<ol style="list-style-type: none"> <li>1. Internal control circuits, isolated with power output circuit, can connect to external controller safely.</li> <li>2. Simpler and smaller than traditional SCR voltage regulator.</li> <li>3. Large heat sink , fanless cooling</li> </ol>					

LSR



**Linear Solid State Relays (S. S. R.)**

**MAXTHERMO**

LSA						Model No.																																																				
1225	1240	2425	2440	2625	2640		Dimensions (Unit: mm)																																																			
3825	3840	4425	4440	4825	4840																																																					
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590 g						Net Weight (g) (Include heat sink)																																																				
4~20 mA (PID), 1~5 VDC (PID), 10~24 VDC (ON-OFF), Internal Control						Control Voltage Range (VDC)	Input Specification																																																			
10KΩ ( B type)								Power Adjust Resistor																																																		
						Notation																																																				
<table border="1"> <thead> <tr> <th rowspan="2">Input</th> <th colspan="4">Connector</th> <th colspan="4">Jumper</th> </tr> <tr> <th>1-2</th> <th>6-7</th> <th>7-8</th> <th>8-9</th> <th>1-2</th> <th>2-3</th> <th>3-4</th> <th>4-5</th> </tr> </thead> <tbody> <tr> <td>4-20mA(PID)</td> <td>Input</td> <td>ON</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>ON</td> </tr> <tr> <td>1-5 VDC (PID)</td> <td>Input</td> <td>-</td> <td>ON</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>ON</td> </tr> <tr> <td>10-24 VDC (ON-OFF)</td> <td>Input</td> <td>-</td> <td>-</td> <td>-</td> <td>ON</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Internal Control</td> <td>N.C.</td> <td>-</td> <td>-</td> <td>ON</td> <td>-</td> <td>-</td> <td>-</td> <td>ON</td> </tr> </tbody> </table>							Input	Connector				Jumper				1-2	6-7	7-8	8-9	1-2	2-3	3-4	4-5	4-20mA(PID)	Input	ON	-	-	-	-	-	ON	1-5 VDC (PID)	Input	-	ON	-	-	-	-	ON	10-24 VDC (ON-OFF)	Input	-	-	-	ON	-	-	-	Internal Control	N.C.	-	-	ON	-	-	-
Input	Connector				Jumper																																																					
	1-2	6-7	7-8	8-9	1-2	2-3	3-4	4-5																																																		
4-20mA(PID)	Input	ON	-	-	-	-	-	ON																																																		
1-5 VDC (PID)	Input	-	ON	-	-	-	-	ON																																																		
10-24 VDC (ON-OFF)	Input	-	-	-	ON	-	-	-																																																		
Internal Control	N.C.	-	-	ON	-	-	-	ON																																																		
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<ol style="list-style-type: none"> <li>Linear phase control, can accept 1~5V, 4~20mA, potentiometer input.</li> <li>Internal control circuits, isolated with power output circuit, can connect to external controller.</li> <li>Simpler and smaller than traditional SCR voltage regulator.</li> <li>Big heat sink , fanless cooling</li> </ol>																																																										

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