

## Solid State Relays/Contactors

3-1








SSRs

SSCs

Power

Features	Solid State Relays		DIN Rail Solid State Relays			I/O Series	
	SVDA SVAA	SVDD	RVD3 RVA3 RVM3	RVDA RVAA RVMA	RSDA RSAA	Input Module	Output Module
Heater Type	Constant Resistance	•	•	•	•	•	•
	Inductive/Coil	•	•	•	•	•	•
AC Output	•	none	none	none	none	none	•
Dc Output	none	•	none	none	none	•	•
Maximum Current (Amps)	75A	40A	25A	40A	100A	100mA	3A
Maximum Voltage (Volts)	600V	100V	600V	600V	600V	28V	60V dc/250V ac
Integrated Heatsink	none	none	•	•	•	•	•
Controlled Phases	1	1	3	1	1	1	1
Input	Analogue	none	none	•	•	none	none
	Logic dc	•	•	•	•	•	•
	Logic ac	•	•	•	•	•	•
Firing Mode	Zero Crossing	•	•	•	•	none	•
	Burst Firing	none	none	•	•	none	none
Built-in Fuse	none	none	none	none	•	none	•
Overtemperature Alarm	none	none	none	none	•	none	none
CE Compliant	•	none	•	•	•	•	•
UL/CSA	•	none	•	•	•	•	•
Product Info page	3-6	3-7	3-8		3-9	3-10	
Coding page	3-30	3-31	3-32		3-33	3-34	

Features	Single Phase			Multi Phase		
	7100L	TE10S	7100S	7200S	7300S	TE200S
Heater Type	Constant Resistance	•	•	•	•	•
	SWIR (Short wave infrared)	none	•	•	•	•
	Variable Resistance	none	none	none	•	none
	Inductive/Transformer Coupled	none	none	none	•	none
True Power Control	none	none	none	none	•	none
Maximum Current (Amps)	100A	50A	250A	200A	160A	63A
Controlled Phases	1	1	1	2	3	2
Input	Analogue	none	•	•	•	none
	Logic	•	•	•	•	•
Firing Mode	Phase Angle	none	none	none	none	none
	Burst Firing	•	•	•	•	•
PLF and/or PLU	none	•	•	•	•	none
Current Limit	none	none	none	none	•	none
Plug in Construction	none	none	none	none	none	none
Diagnostics	none	none	•	•	•	none
Alarms	none	•	•	•	•	none
Product Info page	3-12	3-13	3-14	3-15	3-16	3-17
Coding page	3-36	3-37	3-38	3-39	3-40	3-41

Power Control		EPower™ Controller	Single Phase		Multi Phase			
								
Features		<b>EPower Controller</b>	<b>TE10A</b>	<b>7100A</b>	<b>7200A</b>	<b>7300A</b>	<b>TE200A</b>	<b>TE300</b>
Heater Type	Constant Resistance	•	•	•	•	•	•	•
	SWIR (Short wave infrared)	•	•	•	•	•	•	•
	Variable Resistance	•	•	•	<i>none</i>	•	<i>none</i>	<i>none</i>
	Inductive/Transformer Coupled	•	•	•	<i>none</i>	•	<i>none</i>	<i>none</i>
True Power Control		•	<i>none</i>	•	<i>none</i>	•	<i>none</i>	<i>none</i>
Maximum Current (Amps)		400A	50A	250A	200A	160A	63A	63A
Controlled Phases		1-4 x 1, 1-2 x 2 or 3	1	1	2	3	2	3
Input	Analogue	•	•	•	•	•	•	•
	Logic	•	•	•	•	•	•	•
Firing Mode	Phase Angle	•	•	•	<i>none</i>	•	<i>none</i>	<i>none</i>
	Burst Firing	•	•	•	•	•	•	•
PLF and/or PLU		•	<i>none</i>	•	•	•	<i>none</i>	<i>none</i>
Current Limit		•	•	•	<i>none</i>	•	<i>none</i>	<i>none</i>
Diagnostics		•	<i>none</i>	•	•	•	<i>none</i>	<i>none</i>
Alarms		•	<i>none</i>	•	•	•	<i>none</i>	<i>none</i>
Digital Communications		•	<i>none</i>	<i>none</i>	<i>none</i>	<i>none</i>	<i>none</i>	<i>none</i>
Product Info page		3-20	3-22	3-23	3-24	3-25	3-26	3-27
Coding page		3-44	3-46	3-47	3-48	3-49	3-50	3-51