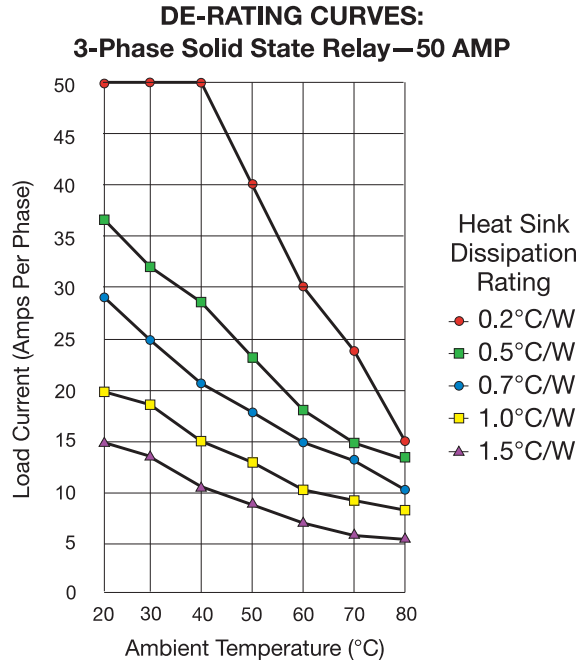
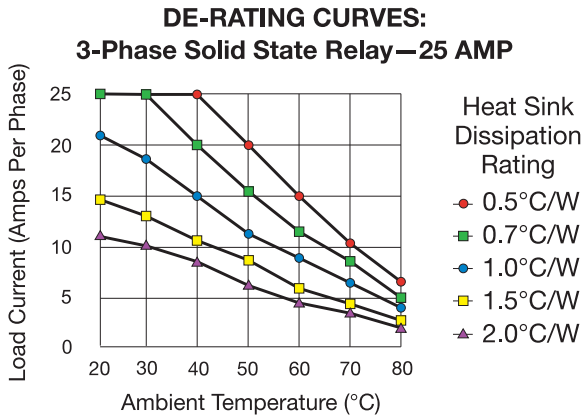


### De-Rating Curves for 3-Phase Solid State Relays



Solid state relay de-rating curves are used to determine the actual current the relay is capable of carrying vs. the ambient temperature in the enclosure. It also indicates the heat sink required to dissipate the heat the relay produces at the ambient temperature. Failure to dissipate the internally generated heat will result in solid state relay failure.



### “Power Pack” DIN Rail Mount Solid State Relay Modules

The **Power Pack** combines in one easy-to-use compact package the traditional hockey puck style solid state relay and required heat sink. This combination eliminates having to mount the SSR to a separate heat sink. It also incorporates the finger-safe cover into the housing’s design. Each Power Pack takes up much less room than the standard SSR and heat sink combination.



*Available from Stock*

#### Design Features

- \* Self-Contained Solid State Relay and Heat Sink
- \* Standard 35mm DIN Rail or Panel Mount
- \* 1-phase Units with Zero-Cross Firing Output
- \* 3-Phase Units Control All 3 Phases
- \* Current Ratings from 12 through 45 Amp
- \* 3 Compact Sizes: 22.5mm, 45.0mm, and 90.0mm
- \* Triac or Back-to-Back SCR Outputs
- \* UL, cUL Recognized

#### Standard Stock DIN Rail Relays

Size	Output Current	Output Voltage	Control Input	Output Type	Max. Turn On Time	Max. Turn Off Time	Min. On State Cur.	Peak On Vol. drop	Part Number
<b>One-Phase Models</b>									
22.5 mm	10A	24-280 VAC	4-32 VDC	Triac	8.33 mS	8.33 mS	19 mA	1.5 Vpk	RLS80001
			90-140 VAC		20 mS	30 mS	23 mA		RLS80005
			180-280 VAC		20 mS	30 mS	23 mA		RLS80006
	20A	48-600 VAC	4-32 VDC	B/B SCR	8.33 mS	8.33 mS	19 mA	1.35 Vpk	RLS80003
			90-140 VAC		20 mS	30 mS	23 mA		RLS80007
			180-280 VAC		20 mS	30 mS	23 mA		RLS80008
30A	48-600 VAC	4-32 VDC	B/B SCR	8.33 mS	8.33 mS	19 mA	1.35 Vpk	RLS80009	
		90-140 VAC		20 mS	30 mS	23 mA		RLS80010	
		180-280 VAC		20 mS	30 mS	23 mA		RLS80011	
45.0 mm	35A	48-660 VAC	4-32 VDC	B/B SCR	8.33 mS	8.33 mS	19 mA	1.35 Vpk	RLS80101
			90-140 VAC		20 mS	30 mS	23 mA		RLS80103
			180-280 VAC		20 mS	30 mS	23 mA		RLS80104
	45A	48-660 VAC	4-32 VDC	B/B SCR	8.33 mS	8.33 mS	19 mA	1.35 Vpk	RLS80105
			90-140 VAC		20 mS	30 mS	23 mA		RLS80106
			180-280 VAC		20 mS	30 mS	23 mA		RLS80107
<b>Three-Phase Models</b>									
90.0 mm	25A	48-660 VAC	4-32 VDC 90-140 VAC 180-280 VAC	B/B SCR	8.33 mS 20 mS 20 mS	8.33 mS 30 mS 30 mS	19 mA 23 mA 23 mA	1.35 Vpk	RLS80201 RLS80203 RLS80204