Relays Selection Guide, continued

Description	D3 Series			D4 Series		D5 Series	
	Page V9-T3-13			Page V9-T3-15		Page V9-T3-16	
Approvals	RoHS COMPLIANT c UL us CE CSA			RoHS COMPLIANT c UL us CE CSA		RoHS COMPLIANT c UL us CE CSA	
Features	Polycarbonate cover Indicator lamp and pushbutton available Panel and DIN mounting 8- or 11-pin octal plug-in Latching (D3PR version)			Polycarbonate cover Indicator lamp available Panel and DIN mounting Socket has built-in hold-down spring		Polycarbonate cover Indicator lamp and pushbutton available Panel, DIN and PC board mounting	
Contact Data							
Configuration		DPDT	3PDT	SPDT	DPDT	DPDT	3PDT
Maximum allowable load	16A	16A	16A	10A at 250 Vac	5A at 240 Vac	16A	16A
Material	Silver alloy			AgCdO		Silver alloy	
Dielectric strength between poles	1500V			5000V		1500V	
Coil Data							
AC	6–240 Vac			6–240 Vac		6–240 Vac	
DC	6–110 Vdc			6–110 Vdc		6–110 Vdc	
Power							
VA (Vac)	3 VA,1.4 Watts (D3PRand DPF)			0.9 VA		3 VA	
Watts (Vdc)	2 VA 1.64 Watts (D3PR5 latching)			0.5 Watts		1.4 Watts	
General Data							
Ambient temperature							
Storage	–40° to 185°F (–40° to 85°C)			–40° to 158°F (–40° to 70°C)		–40° to 185°F (–40° to 85°C)	
Operational	–40° to 131°F (–40° to 55°C)			–40° to 158°F (–40° to 70°C)		–40° to 131°F (–40° to 55°C)	
Response time	20 milliseconds			15 milliseconds		206 milliseconds	
Life							
Mechanical operations	5 million (D3PR and D3PF) 10 million (D3PR5 latching)			10 million		5 million	
Electrical operations	100,000			100,000		100,000	

For our complete product offering, see Volume 7—Logic Control, Operator Interface and Connectivity Solutions, CA08100008E and PG05400001E.

Relays Selection Guide, continued

Description	D7 Series				D8 Series		D9 Series	
	Page V9-T3-18				Page V9-T3-20		Page V9-T3-22	
Approvals	RoHS COMPLIANT, c UL us, CE, CSA				UL, CE, CSA		UL, CSA	
Features	Polycarbonate cover Indicator lamp and pushbutton available Panel, DIN and flange mounting				Dust cover Panel, DIN and flange mounting Quick-connect and screw terminals		Dust cover Pushbutton available Panel mounting Screw terminals	
Contact Data								
Configuration							4PST	
	SPDT	DPDP	3PDT	4PDT	SPST-NO	DPST-NO	NO	NC
Maximum allowable load	20A	15A	15A	15A	30A at 220 Vac	25A at 220 Vac	25A at 220 Vac	8A at 220 Vac
Material	Silver alloy				AgCdO		AgCdO	
Dielectric strength between poles	1500V	1500V	2500V	2500V	4000V		4000V	
Coil Data								
AC	6–240 Vac				6–240 Vac		24–240 Vac	
DC	6–110 Vdc				12–24 Vdc		12–110 Vdc	
Power								
VA (Vac)	1.2 VA	1.2 VA	1.5 VA	1.5 VA	2.5 VA		2.6 VA	
Watts (Vdc)	0.9 Watts	0.9 Watts	1.4 Watts	1.5 Watts	1.9 Watts		2.0 Watts	
General Data								
Ambient temperature								
Storage	–40° to 185°F (–40° to 85°C)				–4° to 185°F (–20° to 85°C)		–13° to 140°F (–25° to 60°C)	
Operational	–40° to 131°F (–40° to 55°C)				–4° to 131°F (–20° to 55°C)		–13° to 140°F (–25° to 60°C)	
Response time	20 milliseconds (30 milliseconds for latching)				30 milliseconds		50 milliseconds	
Life								
Mechanical operations	10 million				5 million		1 million	
Electrical operations	100,000	100,000	200,000	200,000	100,000		100,000	

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