

92 Combination DIN and Flange Mount Power Relay/DPST-NO and DPDT 30 Amp Rating (DC and AC)



General Specifications

(UL 508)

			Single Throw		Double Throw	
Contact Characteristics			92S7		92S11	
Number and type of Contacts			DPST-NO		DPDT-NO	DPDT-NC
Contact materials			Silver Alloy		Silver Alloy	Silver Alloy
Thermal (Carrying) Current		A	30		30	3
Maximum Switching Voltage		V	300V		300V	300V
Switching Current @ Voltage	~	Resistive	30A @ 277V 50/60Hz		30A @ 277V 50/60Hz	3A @ 277V 50/60Hz
	~	Resistive	20A @ 28V		20A @ 28V	3A @ 28V
	~	HP	3 @ 240V 50/60Hz		3 @ 240V 50/60Hz	-
	~	HP	1 @ 120V 50/60Hz		1 @ 120V 50/60Hz	-
	~	Pilot Duty	720 VA		720 VA	-
Minimum Switching Requirement	Minimum	mA	500 @ 12 VAC/VDC		500mA @ 12 VAC/VDC	100mA @ 6 VAC/VDC
Coil Characteristics						
Voltage Range	~	V	12...240		12...240	
	~	V	6...110		6...110	
Operating Range	% of Nominal	~	80% to 120%		80% to 120%	
	~		75% to 120%		75% to 120%	
Average consumption	~	VA	4		4	
	~	W	1.7		1.7	
Drop-out voltage threshold	~		10%		10%	
	~		10%		10%	
Performance Characteristics						
Electrical Life (UL 508)	Operations @ Rated Current	(Resistive)	100,000		100,000	
Mechanical Life	Unpowered		5,000,000		5,000,000	
Operating time (response time)		ms	15		15	
Dielectric	Between coil and contact	~	4000		4000	
	Between poles	~	2000		2000	
	Between contacts	~	1500		1500	
Environment						
Product certifications	Standard version		UL, CE, CSA		UL, CE, CSA	
Ambient air temperature around the device	Storage	°C	-40...+85		-40...+85	
	Operation	°C	-40...+55		-40...+55	
Vibration resistance	Operational	g-n	3, 10-55Hz		3, 10-55Hz	
Shock resistance		g-n	10		10	
Weight		grams	86		86	

Part Number Builder

92	S	7	D	22D	-12
Series	Cover	Configuration	Current Type	Mounting	Voltage
92	S = Sealed dust cover	7 = DPST-NO 11 = DPDT	A = AC D = DC	22D = DIN rail mount cover	Coil Voltage

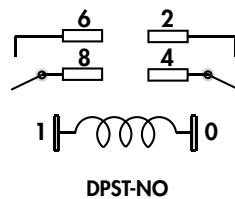
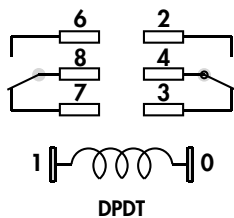


Standard Part Numbers

BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED

Nominal Input Voltage	Coil Resistance (OHMS)	DIN Part Number	Supersedes Part Number	Contact Configuration
24 VAC, 50/60 Hz	250 Ω	92S7A22D-24	W92S7A22-24	DPST-NO
120 VAC, 50/60 Hz	1600 Ω	92S7A22D-120	W92S7A22-120	DPST-NO
240 VAC, 50/60 Hz	6500 Ω	92S7A22D-240	W92S7A22-240	DPST-NO
24 VAC, 50/60 Hz	250 Ω	92S11A22D-24	W92S11A22-24	DPDT
120 VAC, 50/60 Hz	1600 Ω	92S11A22D-120	W92S11A22-120	DPDT
240 VAC, 50/60 Hz	6500 Ω	92S11A22D-240	W92S11A22-240	DPDT
12 VDC	86 Ω	92S7D22D-12	W92S7D22-12	DPST-NO
24 VDC	350 Ω	92S7D22D-24	W92S7D22-24	DPST-NO
110/125 VDC	7255 Ω	92S7D22D-110	W92S7D22-110	DPST-NO
12 VDC	86 Ω	92S11D22D-12	W92S11D22-12	DPDT
24 VDC	1600 Ω	92S11D22D-24	W92S11D22-24	DPDT
110/125 VDC	6500 Ω	92S11D22D-110	W92S11D22-110	DPDT

WIRING DIAGRAMS



ONLY NECESSARY TERMINALS
ARE PRESENT ON
SINGLE THROW STYLES

