

Relay and Timer Socket Selection Guide

Relay and Timer Sockets

Mounting	Series	Page	Part No.	No. of Poles	Receptacle	Terminal	Compatible IDEC Relay and Timer	
DIN Rail Snap-Mount 	SR	F-6	SR2P-05 SR2P-05C SR2P-06	2	8-Pin	M3.5 Screw	RR2P, GT5P, RTE-P1, GT3 (8-pin)	
			SR3P-05 SR3P-05C SR3P-06	3	11-Pin		RR3PA, RR2KP, RTE-P2 GT3 (11-pin)	
			SR3B-05	3	11-Blade		RR1BA, RR2BA, RR3B, RTE-B	
	SH	F-9	SH1B-05 SH1B-05C	1	5-Blade	M3.5 Screw Coil Terminal: M3	RH1B	
			SH2B-05 SH2B-05C	2	8-Blade	M3.5 Screw	RH2B	
			SH3B-05 SH3B-05C	3	11-Blade		RH3B, RH2LB	
			SH4B-05 SH4B-05C	4	14-Blade		RH4B	
	SY	F-13	SY2S-05 SY2S-05C	2	8-Blade	M3 Screw	RY2S, RY22S	
			SY4S-05 SY4S-05C	4	14-Blade		RU4S, RY4S, RY42S, RY2KS, RY2LS, RM2S, GT5Y	
	SM	F-15	SM2S-05 SM2S-05C				RU2S	
	Panel Mount 	SR	F-16	SR2P-51	2	8-Pin	Solder	RR2P, RAPP, RBPP, GT5P, RTE-P1, GT3 (8-pin)
				SR3P-51	3	11-Pin		RR3PA, RR2KP, RTE-P2, GT3 (11-pin)
				SR3B-51	3	11-Blade		RR1BA, RR2BA, RR3B
SH		F-17	SH1B-51	1	5-Blade	RH1B, RAHB, RBHB		
			SH2B-51	2	8-Blade	RH2B, RAMB, RBMB		
			SH3B-51	3	11-Blade	RH3B, RH2LB		
			SH4B-51	4	14-Blade	RH4B		
SY		F-19	SY2S-51	2	8-Blade	RY2S, RY22S		
			SY4S-51	4	14-Blade	RY4S, RY42S, RY2KS, RY2LS, RM2S, GT5Y		
PCB Mount 		SH	F3-20	SH1B-62	1	5-Blade		PC Board
	SH2B-62			2	8-Blade	RH2B, RAMB, RBMB		
	SH3B-62			3	11-Blade	RH3B, RH2LB		
	SH4B-62			4	14-Blade	RH4B		
	SY	F3-21	SY2S-61	2	8-Blade	RY2S, RY22S		
			SY4S-61	4	14-Blade	RY4S, RY42S, RY2KS, RY2LS, RM2S, GT5Y		
			SY4S-62	4	14-Blade	RY4S, RY42S, RY2KS, RY2LS, RM2S, GT5Y		
Surface Mount 	SH	F-23	SH2B-02	2	8-Blade	M3.5 Screw	RH2B, RAMB, RBMB	
For Panel Mounted Timers								
	SR	F-23	SR6P-M08G	2	8-pin	M3.5 Screw	GE1A; RTE-P1; GT3A-1,-2,-3; GT3D-1,-2,-3; GT3W (8-pin); GT3S; GT3F	
			SR6P-M11G		11-pin		RTE-P2; GT3A-4,-5,-6; GT3D-4,-8; GT3W (11-pin)	



For relay mounting accessories, see page F-24.

Specifications	Rated Insulation Voltage	300V; except SH1B and SY4S-62: 250V
	Rated Current	SR/SH/SM: 10A, SY: 7A (SH1B coil terminal 7A)
	Insulation Resistance	100MΩ minimum
	Dielectric Strength	2,000V AC, 1 minute
	Material Grade	UL94V-0



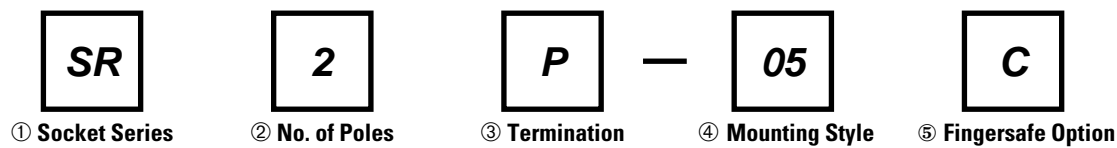
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1. * Applicable to DIN rail sockets only.

Relay Socket Part Numbering Guide

Relay socket part numbers are composed of 5 part number codes. When ordering a relay socket, select one code from each category.
Example: SR2P-05C



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Part Numbers: Relay Sockets

	Description	Part Number Code	Remarks
① Socket Series	SR	SR	For use with RR series relays
	SH	SH	For use with RH series relays
	SY	SY	For use with RY series relays
	SM	SM	For use with RU2, RM2 series relays
② No. of Poles	1-pole	1	SH series
	2-pole	2	SR, SH, SM, and SY series
	3-pole	3	SR, and SH series
	4-pole	4	SH series
③ Termination	Tubular pin	P	SR series
	Blade	B	SH series
	Solder/blade	S	SY and SM series
④ Mounting Styles	DIN rail snap-mount	05	To decide between configuration 05 and 06, see pictures and schematics beginning on page F-6
		06	Model 05 is available as 05C with a fingersafe option; see ⑤ below
	Panel mount	51	
	PC board mount	61	
62			
⑤ Fingersafe Option	With finger-protection terminals	C	Available only on SR, SH, SM, and SY series snap-mount sockets
	Without finger-protection terminals	Leave blank	



2. For hold-down springs and clips for DIN rail snap-mount, panel mount, and PC board mount, see page F-4.
3. For socket accessories, see page F-24.

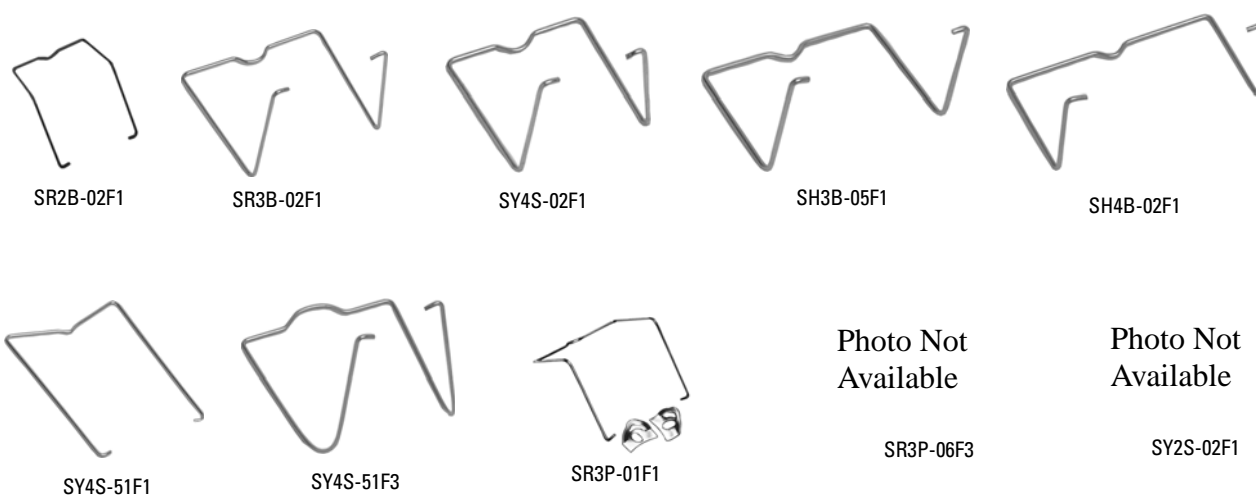
Hold-Down Springs and Clips Selection Guide

DIN Rail Snap-Mount Sockets

Socket Part No.	Applicable Relays, Timer	Hold-Down Pullover Spring	Hold-Down Clip (side notch)	Hold-Down Clip (top notch)
SR2P-05 SR2P-05C	RR2P	SR2B-02F1	SFA-203	—
	RTE-P1, GT3, GT5P	—	SFA-203	—
SR2P-06	RR2P	SR2B-02F1	SFA-202	—
	GT3 (8-pin), RTE-P1, GT5P	—	SFA-202	—
SR3P-05 SR3P-05C	RR3PA	SR3B-02F1	SFA-203	—
	RR2KP	SR3P-06F3	SFA-203	—
	RTE-P2, GT3 (11-pin)	—	SFA-203	—
SR3P-06	RR3PA	SR3B-02F1	SFA-202	—
	RR2KP	SR3P-06F3	SFA-202	—
	RTE-P2, GT3 (11-pin)	—	SFA-202	—
SR3B-05	RR1BA, RR2BA, RR3B, RTE-B	SR3B-02F1	SFA-202	—
SH1B-05 SH1B-05C	RH1B	SY2S-02F1	—	SFA-101 SFA-202
SH2B-05 SH2B-05C	RH2B	SY4S-02F1	—	SFA-101 SFA-202
SH3B-05 SH3B-05C	RH3B, RH2LB	SH3B-05F1	—	SFA-101 SFA-202
SH4B-05 SH4B-05C	RH4B	SH4B-02F1	—	SFA-101 SFA-202
SY2S-05 SY2S-05C	RY2S, RY22S	SY2S-02F1	—	SFA-101 SFA-202
SY4S-05 SY4S-05C	RY4S, RY42S, RY2LS, RM2S	SY4S-51F1	—	SFA-101 SFA-202
	RY2KS, GT5Y	(SY4S-51F3)	—	SFA-202

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1. Hold-down springs work in conjunction with hold-down spring anchors included with DIN rail sockets.
2. When mounting relays with a check button onto panel mount or PC board mount sockets, use the hold-down spring shown in parenthesis. Hold-down springs for relays with check buttons are not available for SR2P-51.
3. For close mounting of panel mount or PC mount sockets, use hold-down clips rather than hold-down springs.
4. SFA-101, SFA-202 and SFA-302 come in pairs.



Panel and PC Board Mount Sockets

Socket Part No.	Applicable Relays, Timer	Hold-Down Pullover Spring	Hold-Down Clip (side notch)	Hold-Down Clip (top notch)
SR2P-51	RR2P	SR3P-01F1	—	—
	GT3 (8-pin), RTE-P1	—	SFA-402	—
SR3P-51	RR3PA	SR3P-01F1	—	—
	RR2KP	SR3P-51F3	—	—
	GT3 (11-pin), RTE-P2	—	SFA-402	—
SR3B-51	RR1BA, RR2BA, RR3B, RTE-B	SR3B-02F1	—	—
SH1B-51 SH1B-62	RH1B	SY4S-51F1	—	SFA-301 SFA-302
SH2B-51	RH2B	SY4S-51F1 (SY4S-02F1)	—	SFA-301 SFA-302
SH2B-62	RH2B	SY4S-51F1 (SY4S-02F1)	—	—
SH3B-51 SH3B-62	RH3B, RH2LB	SY4S-51F1 (SY4S-02F1)	—	SFA-301 SFA-302
SH4B-51 SH4B-62	RH4B	SY4S-51F1 (SH4B-02F1)	—	SFA-301 SFA-302
SY2S-51 SY2S-61	RY2S, RY22S	SY4S-51F1	—	SFA-301 SFA-302
SY4S-51 SY4S-61	RY4S, RY42S, RY2LS	SY4S-51F1 (SY4S-02F1)	—	SFA-301 SFA-302
	RY2KS	SY4S-51F1 (SY4S-02F3)	SFA-302	—
	GT5Y	—	SFA-302	—
SY4S-62 *	RY4S, RY42S, RY2LS, RM2S	SY4S-51F1 (SY4S-02F1)	—	—
	RY2KS	SY4S-51F1 (SY4S-02F3)	—	—

* Does not accept hold down clips

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SFA-101



SFA-202



SFA-302

Photo Not Available

SFA-301



SFA-203



SFA-402