

**Relay and Timer Socket Selection Guide**


**Relay and Timer Socket**

Mounting	Series	Page	Part No.	No. of Poles	Receptacle	Terminal	Compatible IDEC Relay and Timer	
	SU	F-6	SU2S-11L	2	8-Blade	Spring Clamp Terminals	RU2, RM2	
			SU4S-11L	4	14-Blade		RU4, RU42, RY4, RY42	
	SR	F-9	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-12	SH1B-05 SH1B-05C	1	5-Blade	M3.5 Screw Coil Terminal: M3	RH1B	
			SH2B-05 SH2B-05C	2	8-Blade		RH2B	
			SH3B-05 SH3B-05C	3	11-Blade		RH3B, RH2LB	
			SH4B-05 SH4B-05C	4	14-Blade		RH4B	
	SY	F-16	SY2S-05 SY2S-05C	2	8-Blade	M3 Screw	RY2S, RY22S	
			SY4S-05 SY4S-05C	4	14-Blade		RU4S, RU42S, RY4S, RY42S, RY2KS, RY2LS, RM2S, GT5Y	
	SM	F-18	SM2S-05 SM2S-05C				RU2S, RM2S	
		SR	F-19	SR2P-51	2	8-Pin	Solder	RR2P, 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-20	SH1B-51	1	5-Blade	RH1B		
			SH2B-51	2	8-Blade	RH2B		
			SH3B-51	3	11-Blade	RH3B, RH2LB		
			SH4B-51	4	14-Blade	RH4B		
SY		F-22	SY2S-51	2	8-Blade	RY2S, RY22S		
			SY4S-51	4	14-Blade	RY4S, RY42S, RU4S, RU42S, RY2KS, RY2LS, RM2S, GT5Y		
		SH	F3-23	SH1B-62	1	5-Blade		PC Board
	SH2B-62			2	8-Blade	RH2B		
	SH3B-62			3	11-Blade	RH3B, RH2LB		
	SH4B-62			4	14-Blade	RH4B		
	SY	F3-24	SY2S-61	2	8-Blade	RY2S, RY22S		
			SY4S-61	4	14-Blade	RY4S, RY42S, RU4S, RU42S, RY2KS, RY2LS, RM2S, GT5Y		
			SY4S-62	4	14-Blade	RY4S, RY42S, RU4S, RU42S, RY2KS, RY2LS, RM2S, GT5Y		
	SH	F-26	SH2B-02	2	8-Blade	M3.5 Screw	RH2B	
<b>For Panel Mounted Timers</b>								
	SR	F-26	SR6P-M08G	2	8-pin	M3.5 Screw	GE1A; RTE-P1; GT3 (8-pin);	
			SR6P-M11G		11-pin		RTE-P2; GT3 (11-pin)	



For relay mounting accessories, see page F-27.

<b>Specifications</b>	<b>Rated Insulation Voltage</b>	300V; except SH1B, SU and SY4S-62: 250V
	<b>Rated Current</b>	SU2/SR/SH/SM: 10A, SY: 7A, SU4: 6A with RU4, SU4: 10A with RU2 (SH1B coil terminal 7A)
	<b>Insulation Resistance</b>	100MΩ minimum
	<b>Dielectric Strength</b>	2,000V AC, 1 minute
	<b>Material Grade</b>	UL94V-0
	<b>Terminal Torque</b>	3.5mm Screws, 9-11.5 in•lbs 3mm screws, 5.5-9 in•lbs

 1. \* Applicable to DIN rail sockets only.



File No. BL950813332307



**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



**F**  
**Sockets**

**Part Numbers: Relay Sockets**

	Description	Part Number Code	Remarks
① <b>Socket Series</b>	SU	SU	For use with RU, RY4, RM2 relays
	SR	SR	For use with RR series relays
	SH	SH	For use with RH series relays
	SY	SY	For use with RY, RU4 series relays
	SM	SM	For use with RU2, RM2 series relays
② <b>No. of Poles</b>	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 <b>Termination</b>	Tubular pin	P	SR series
	Blade (0.187")	B	SH series
	Solder/blade (0.110")	S	SY and SM series
④ <b>Mounting Styles</b>	DIN rail snap-mount (with spring clamp terminals)	11L	Available for SU socket only
	DIN rail snap-mount (with screw terminals)	05	To decide between configuration 05 and 06, see pictures and schematics beginning on page F-9
		06	Model 05 is available as 05C with a fingersafe option; see ⑤ below
	Panel mount	51	
	PC board mount	61	
62			
⑤ <b>Fingersafe Option</b>	With finger-protection terminals	C	Available only on SR, SH, SM, and SY series snap-mount sockets
	Without finger-protection terminals	Leave blank	



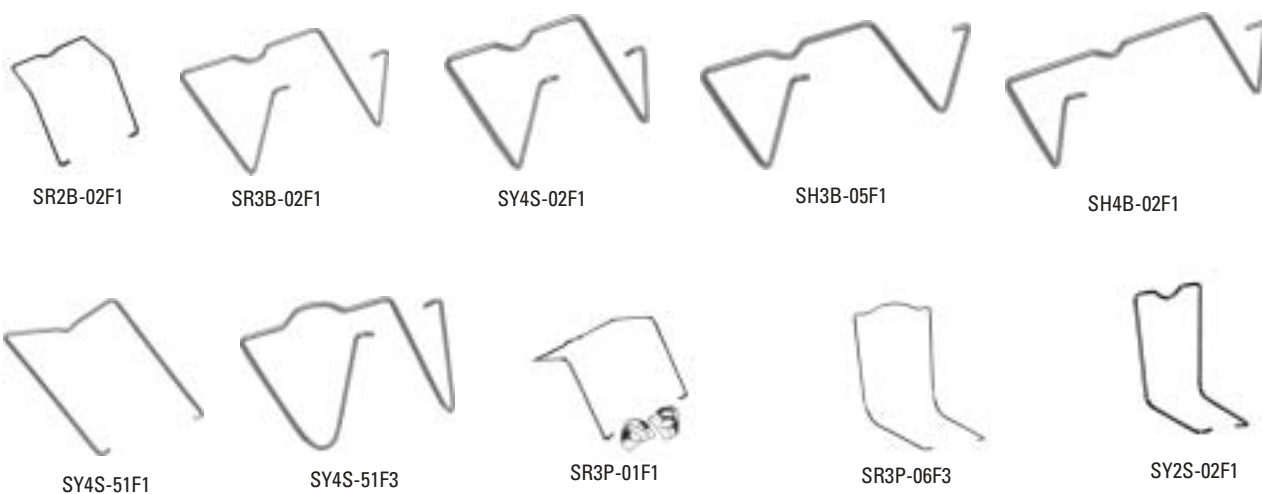
2. For hold-down springs and clips for DIN rail snap-mount, panel mount, and PC board mount, see page F-4.  
3. For socket accessories, see page F-27.

## Hold-Down Springs and Clips Selection Guide

### DIN Rail Snap/Surface-Mount Sockets

Socket Part No.	Applicable Relays, Timer	Hold-Down Pullover Spring	Hold-Down Clip (side latch)	Hold-Down Clip (top latch)
SU2S-11L SU4S-11L	RM2S, RU2, GT5Y-2	SY4S-51F1	SFA-202	SFA-101
	RY4S, RY42S, RU4, RU42, GT5Y, RY2LS, RM2S	SY4S-51F1	SFA-202	SFA-101
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-202	SFA-101
SH2B-05 SH2B-05C	RH2B	SY4S-02F1	SFA-202	SFA-101
SH3B-05 SH3B-05C	RH3B, RH2LB	SH3B-05F1	SFA-202	SFA-101
SH4B-05 SH4B-05C	RH4B	SH4B-02F1	SFA-202	SFA-101
SY2S-05 SY2S-05C	RY2S, RY22S	SY2S-02F1	SFA-202	SFA-101
SY4S-05 SY4S-05C	RY4S, RY42S, RU4, RU42, RY2LS, RM2S	SY4S-51F1	SFA-202	SFA-101
	RY2KS, GT5Y	(SY4S-51F3)	SFA-202	
SM2S	RM2S, RU2	SY4S-51F1	SFA-202	SFA-101

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 latch)	Hold-Down Clip (top latch)
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



SFA-101



SFA-202



SFA-302



SFA-301



SFA-203



SFA-402