

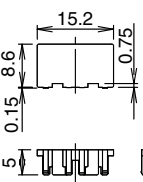
RF2 2-pole Force Guided Relay / SJ series Socket

Socket Specifications

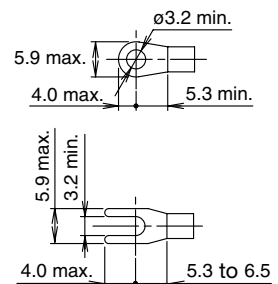
Model	SJ2S-05B/-07L		SJ2S-61
Mounting	DIN Rail		PC Board
Rated Current	8A		
Rated Insulation Voltage	250V AC/DC		
Applicable Wire	2mm ²		—
Applicable Crimping Terminal	See dimensions below		—
Recommended Tightening Torque	0.6 to 1.0 N·m		—
Screw Terminal Style	M3 slotted Phillips screw (self-lifting)		—
Terminal Strength	Wire tensile strength: 50N minimum		—
Dielectric Strength (Note)	Between contact and coil	4000V AC, 1 minute	5000V AC, 1 minute
	Between contacts of the same pole	1000V AC, 1 minute	
	Between contacts of the different pole	3000V AC, 1 minute	
Vibration Resistance	Damage limits	90m/s ²	
	Resonance	Frequency 10 to 55Hz, amplitude 0.75mm	
Shock Resistance (damage limits)		1000m/s ²	
Operating Temperature		-40 to +70°C (no freezing)	
Operating Humidity		5 to 85% RH (no condensation)	
Storage Temperature		-55 to +85°C (no freezing)	
Storage Humidity		5 to 85% RH (no condensation)	
Degree of Protection (Screw Terminal)	SJ2S-07L: IP20 (IEC 60529)		—
Weight	34g		4.5g

Note: The above are same when used with a RF2 force guided relay.

Accessories

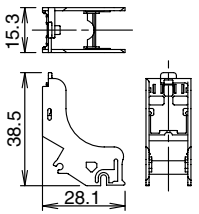
Description/Shape	Material	Part No.	Remarks
Removable Marking Plate 	Plastic (white)	SJ9Z-PW	
Jumper	For 2 sockets	SJ9Z-JF2	Terminal centers: 15.5mm Rated current: 12A Ensure that the total current to the jumper does not exceed the maximum current.
	For 5 sockets	SJ9Z-JF5	
	For 8 sockets	SJ9Z-JF8	
	For 10 sockets	SJ9Z-JF10	

Applicable Crimping Terminal



Note: Ring terminal cannot be used on SJ2S-0L.

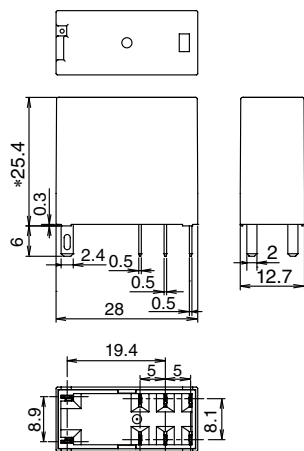
Replacement Parts

Description/Shape	Material	Part No.	Dimensions (mm)
Release Lever (with integrated marking plate) 	Plastic (gray)	SJ9Z-CM	 When not using marking plate

RF2 2-pole Force Guided Relay / SJ series Socket

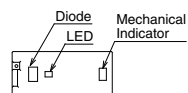
Relay Dimensions

RF2S (plug-in terminal)
Standard (without LED/diode)

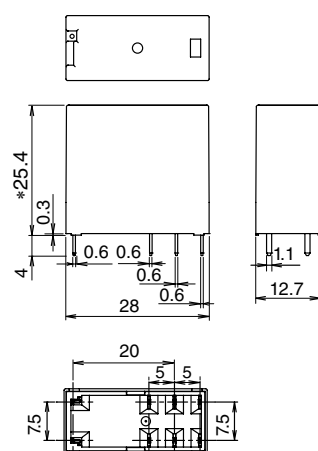


* With LED/diode: 28.4

With LED/diode

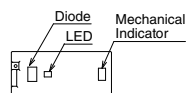


RF2V (PC board terminal)
Standard (without LED/diode)



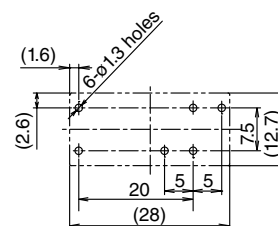
* With LED/diode: 28.4

With LED/diode

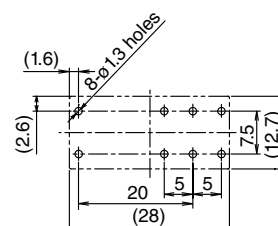


PC Board Terminal Mounting Hole Layout (Bottom View)

RF2V (SPST-NO + SPST-NC)

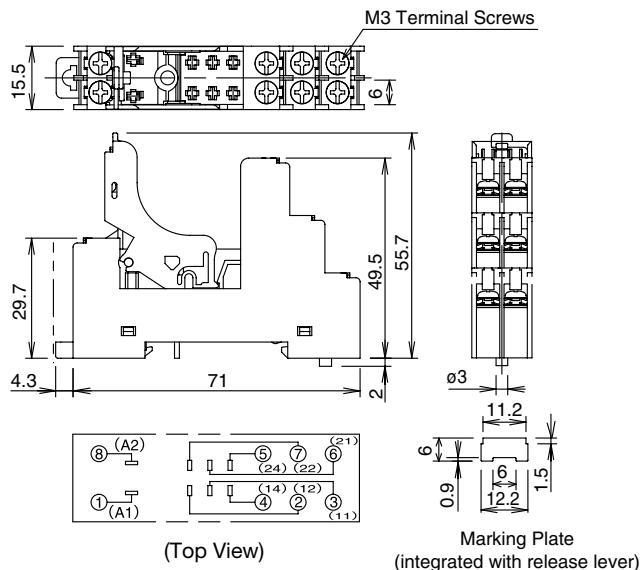


RF2V (DPDT)

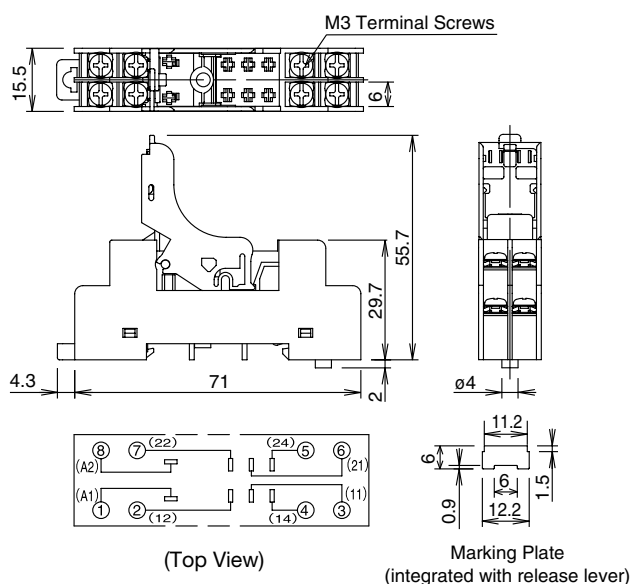


Socket Dimensions

SJ2S-07L



SJ2S-05B



SJ2S-61

