

SJ Series Relay Sockets

Slim, space-saving relay sockets.

Release lever with integrated marking plate allows for easy maintenance in narrow spaces.

Shape	 Standard Screw Terminal (1 pole)		 Finger-safe Screw Terminal (2 pole)	
Terminal Style	1-pole		2-pole	
Terminal No. Color	Black	White	Black	White
Standard Screw Terminal	SJ1S-05B	SJ1S-05BW	SJ2S-05B	SJ2S-05BW
Finger-safe Screw Terminal	SJ1S-07L	SJ1S-07LW	SJ2S-07L	SJ2S-07LW

Note: Release lever is supplied with each socket.

Specifications

Model	SJ1S	SJ2S
Rated Current	12A	8A
Rated Insulation Voltage	250V AC/DC	
Applicable Wire	2 mm ² maximum (14 AWG)	
Applicable Crimping Terminal	2 mm ² × 2	
Recommended Tightening Torque	1.0 N·m	
Screw Terminal Style	M3 slotted Phillips screw	
Terminal Strength	Wire tensile strength: 50N minimum	
Insulation Resistance	100MΩ minimum (500V DC megger)	
Dielectric Strength	Between live and dead metal parts: 2000V AC, 1 minute Between contact and coil: 4000V AC, 1 minute Between contacts of the same pole: 1000V AC, 1 minute Between contacts of the different poles: 3000V AC, 1 minute	
Vibration Resistance	Damage limits: 90 m/s ² Resonance: 10 to 55 Hz, amplitude 0.75 mm	
Shock Resistance	Damage limits: 1000 m/s ²	
Operating Temperature	−40 to +70°C (no freezing)	
Storage Temperature	−55 to +85°C (no freezing)	
Operating Humidity	5 to 85% RH (no condensation)	
Storage Humidity	5 to 85% RH (no condensation)	
Degree of Protection	IP20 (finger-safe screw terminal)	
Weight (approx.)	30g	34g

Applicable Relay

Terminal Style	1-pole		2-pole	
	Socket	Relay	Socket	Relay
Standard Screw Terminal	SJ1S-05B SJ1S-05BW	RJ1S	SJ2S-05B SJ2S-05BW	RJ2S RJ22S
Finger-safe Screw Terminal	SJ1S-07L SJ1S-07LW		SJ2S-07L SJ2S-07LW	

Applicable Crimping Terminals

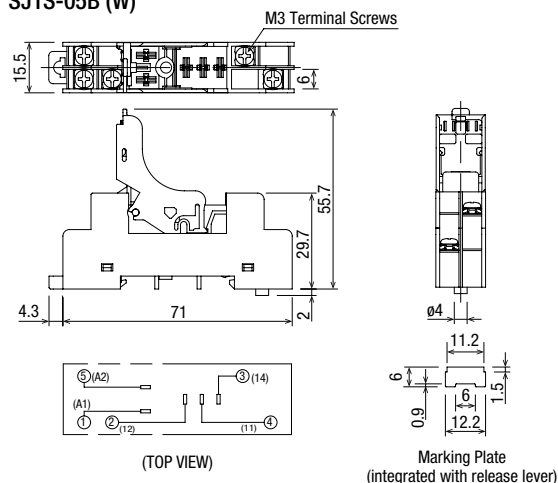
Standard Screw Terminal	Finger-safe Screw Terminal

Note: Ring tongue terminals cannot be used on finger-safe sockets.

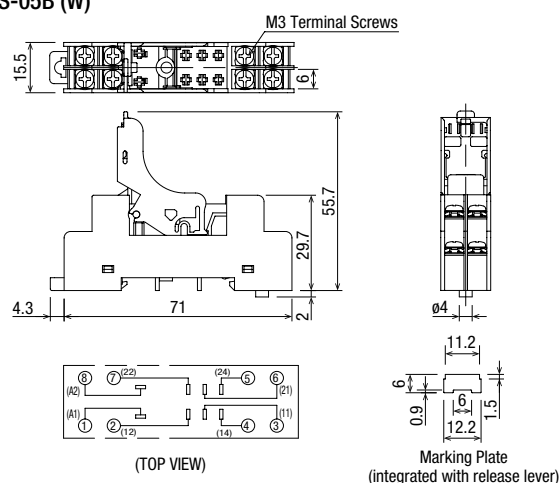
Dimensions

All dimensions in mm

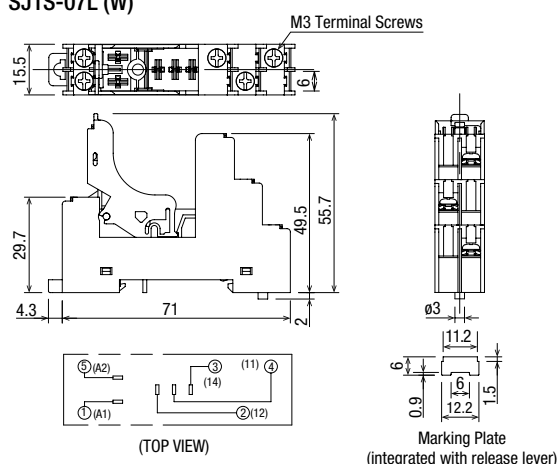
SJ1S-05B (W)



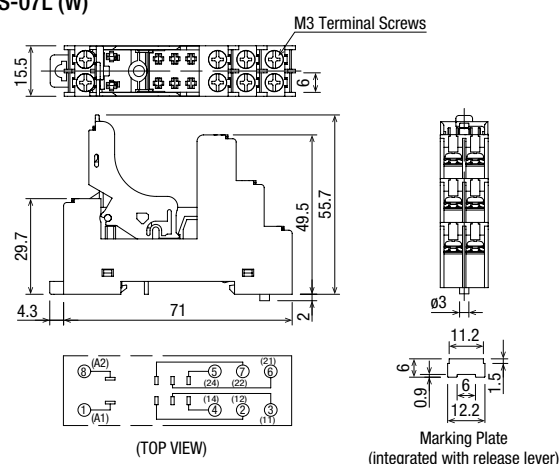
SJ2S-05B (W)



SJ1S-07L (W)



SJ2S-07L (W)



Replacement Parts

When ordering, specify the Ordering No.

Description	Material	Part No.	Ordering Part No.	Package Quantity	Dimensions
Release Lever (with integrated marking plate)	Plastic (gray)	SJ9Z-CM	SJ9Z-CMPN05	5	When not using marking plate

Accessories

When ordering, specify the Ordering No.

Description	Material	Part No.	Ordering Part No.	Package Quantity	Dimensions
Removable Marking Plate	Plastic (white)	SJ9Z-PW	SJ9Z-PWPN10	10	Marking area: 15.2 × 7.25 mm
Jumper	Nickel-coated brass with polypropylene coating	SJ9Z-JF2 SJ9Z-JF5 SJ9Z-JF8 SJ9Z-JF10	SJ9Z-JF2PN10 SJ9Z-JF5PN10 SJ9Z-JF8PN10 SJ9Z-JF10PN10	5	Terminal centers: 15.5mm Rated current: 12A Ensure that the total current to the jumper does not exceed the maximum current.



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