



SEMAPHORE RELAY

SPR TYPE, SPL TYPE



FEATURES

If the equipment status related to circuits is shown with lamps, on the electric power system panel, the broken wire in any lamp disables this display making it impossible to determine the equipment status. Since the semaphore relay uses no lamp, the open / closed status of the equipment is always displayed accurately. The semaphore relay allows for visually checking whether the circuit is connected or not. The disconnecting switch and circuit-breaker, which shows their statuses with the round and square shapes, are simple and contributes to the improvement of the panel design.

SPECIFICATIONS (RATINGS, PERFORMANCE)

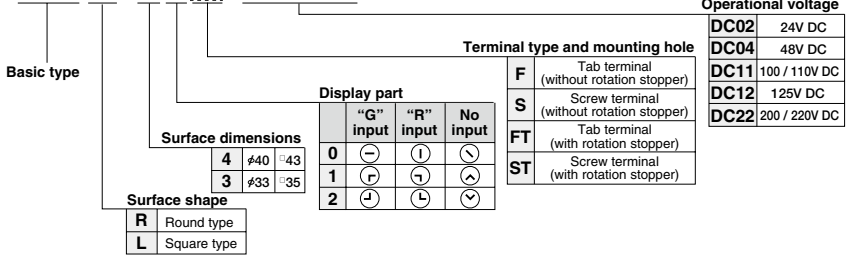
Specification	Type	SPR-3□,4□	SPL-3□,4□
Rated insulation voltage (UI)		250V	
Rated operational voltage (Ith)		24V, 48V, 100 / 110V, 125V, 200 / 220V DC	
Voltage fluctuation range		80 to 125%	
Coil		Continuous excitation method	
Insulation resistance		Insulating-resistance tester (1,000V DC) 1,000MΩ or more.	
Withstand voltage		2,500V AC / 1 min.	
Impulse withstand voltage		±7kV / 3 times for each pole (1.2 / 50μs)	
Shock resistance		50G or more	
Service life		100,000 times or more	
Location of use		Indoor	
Protective structure		Closed type	
Panel thickness		1 to 6mm	
Terminal connection		Faston #205 or M3 screw	
Weight		130g	

Operational voltage	Coil resistor	Rated current	Power consumption
24V DC	650 Ω	37mA	0.9W
48V DC	2,150 Ω	23mA	1.1W
100V DC	7,000 Ω	16mA	1.6W
125V DC	7,500 Ω	17mA	2.1W
200V DC	32,000 Ω	6.9mA	1.4W

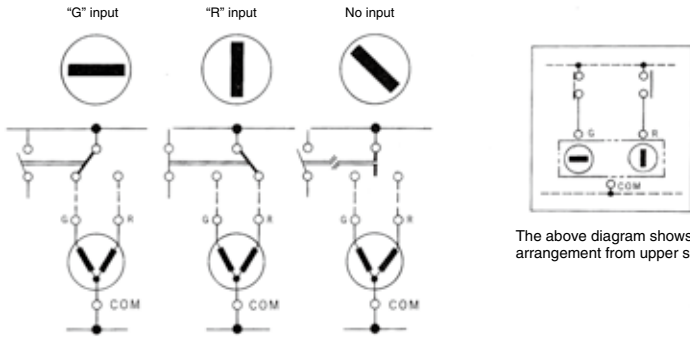
PILOT LAMP & INDICATOR

HOW TO ORDER

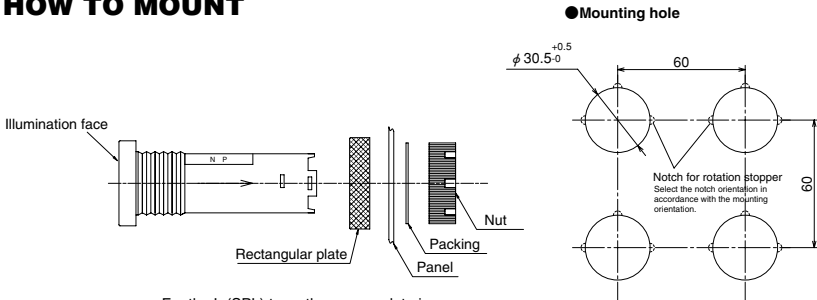
SPR-40S-DC11



OPERATION AND CIRCUIT TYPES



HOW TO MOUNT



* For the L (SPL) type, the square plate is required as illustrated above.
(For the R type, this is not required.)

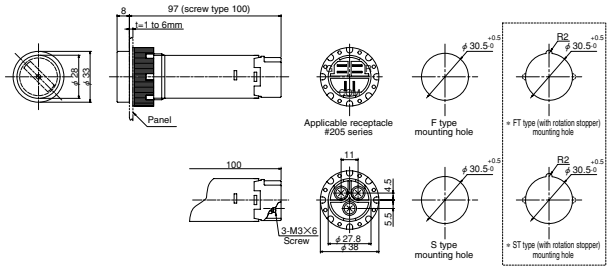
* To use any pitch other than the above, contact FUJI ELECTRIC INDUSTRY.



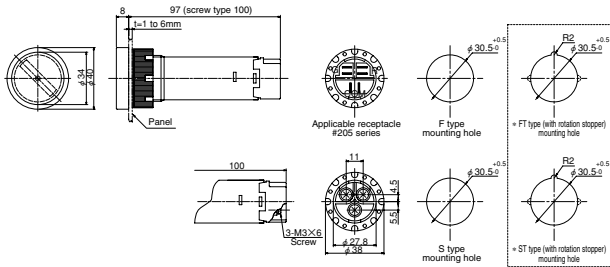
SEMAPHORE RELAY

SPR TYPE, SPL TYPE

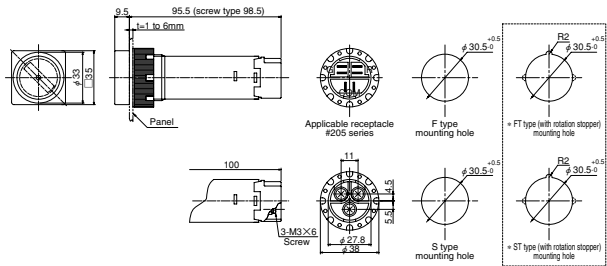
SPR-3



SPR-4



SPL-3



SPL-4

