

## 5-1 Remote Terminals

### 5-1-1 SRT□□-ID□□ (-1) Remote Terminals with 4, 8, or 16 Transistor Inputs

#### Specifications

The following tables show the ratings and input specifications for the SRT□-ID□□ (-1) Remote Terminals.

#### Ratings

Item	Specification
Models	SRT1-ID04 SRT1-ID08 SRT1-ID16 SRT1-ID04-1 SRT1-ID08-1 SRT1-ID16-1 SRT2-ID04 SRT2-ID08 SRT2-ID16 SRT2-ID04-1 SRT2-ID08-1 SRT2-ID16-1
Input points	SRT□-ID04: 4 points (NPN) SRT□-ID08: 8 points (NPN) SRT□-ID16: 16 points (NPN) SRT□-ID04-1: 4 points (PNP) SRT□-ID08-1: 8 points (PNP) SRT□-ID16-1: 16 points (PNP)
Communications mode	SRT1-ID□□ (-1): High-speed Communications Mode SRT2-ID□□ (-1): High-speed Communications Mode or Long-distance Communications Mode
Power supply type	Multiple power supplies
Communications power supply voltage	14 to 26.4 V DC (Power can be supplied from the Special Flat Cable.)
I/O power supply voltage	20.4 to 26.4 V DC (24 V DC $+10\%$ / $-15\%$ )
I/O power supply current	1 A max.
Current consumption (See note.)	Communications power: 50 mA max. at 24 V DC
Noise immunity	$\pm 1.5$ kVp-p with a pulse width of 0.1 to 1 $\mu$ s and a rise time of 1 ns (via impulse noise simulator)
Vibration resistance	10 to 55 Hz, 1.0 mm double-amplitude
Shock resistance	200 m/s <sup>2</sup>
Dielectric strength	500 V AC (between insulated circuits)
Ambient temperature	Operating: 0 to 55°C (with no icing or condensation) Storage: -20 to 65°C (with no icing or condensation)
Ambient humidity	Operating: 35% to 85% (with no condensation) Storage: 25% to 85% (with no condensation)
Operating environment	No corrosive gases
Mounting method	M4 screws or 35-mm DIN track mounting
Mounting strength	Pulling: 50 N Tightening: 1.5 N • m
Terminal strength	Pulling: 50 N Tightening: 0.6 to 1.18 N • m

Item	Specification
Node number settings	The node number is set on a DIP switch. (Set the node number before turning on the Slave.)
Weight	SRT□-ID04: 80 g max. SRT□-ID08: 80 g max. SRT□-ID16: 110 g max. SRT□-ID04-1: 80 g max. SRT□-ID08-1: 80 g max. SRT□-ID16-1: 110 g max.

**Note** The current consumption is the value with all 4 and 8 and 16 points turned ON excluding the current consumption of the external sensor connected to the input Remote Terminal and the current consumption of the load connected to the output Remote Terminal.

**Input Specifications**

Item	Specification
Input current	6 mA max./point at 24 V DC
ON delay time	1.5 ms max.
OFF delay time	1.5 ms max.
ON voltage	SRT□-ID□□: 15 V DC min. (between each input terminal and V) SRT□-ID□□-1: 15 V DC min. (between each input terminal and G)
OFF voltage	SRT□-ID□□: 5 V DC min. (between each input terminal and V) SRT□-ID□□-1: 5 V DC min. (between each input terminal and G)
OFF current	1 mA max.
Insulation method	Photocoupler
Input indicators	LED (yellow)

**Slave Components**

The following diagram shows the main components of the SRT2-ID08 Transistor Remote Terminal. The functions of these components are described below.

