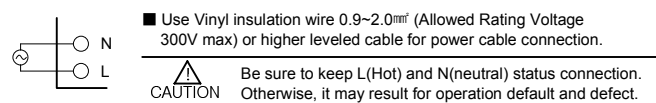
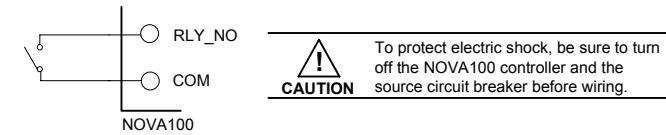


Power Cable Connection



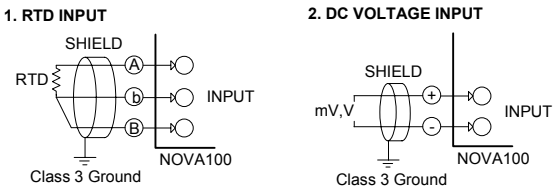
RELAY Connection



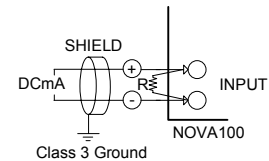
Use an Auxiliary RELAY

- When using an auxiliary relay or inductance load (L) such as solenoid, be sure to insert a CR filter(for AC) or diode (for DC) in parallel as a surge-suppressor circuit to reject sparks, preventing malfunction or damage.
- Recommended CR FILTER
- ▶ Seong Hoo Electronics : BSE104R120 25V (0.1μ+120Ω)
 - ▶ HANA PARTS CO. : HN2EAC
 - ▶ Songmi Electric Co.,Ltd. : CR UNIT 953, 955 etc
 - ▶ Jiwo Electric Co.,Ltd. : SKV, SKVB etc
 - ▶ Shinyoung Communications Co.,Ltd. : CR-CFS, CR-U etc

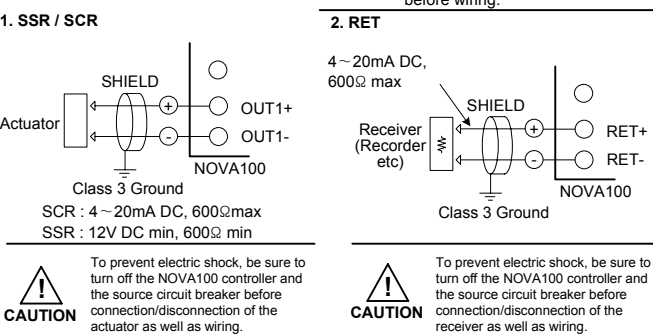
ANALOG INPUT Connection



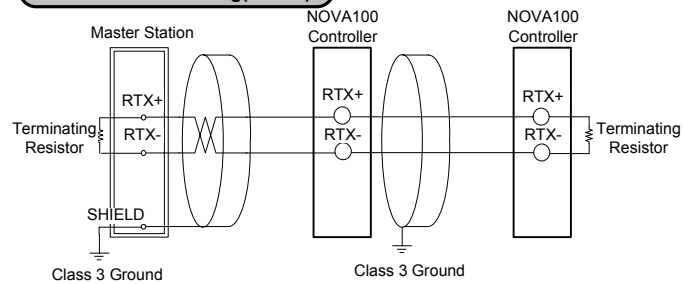
3. DC CURRENT INPUT



ANALOG OUTPUT Connection



Communication Wiring(RS485)



- Up to 31 slave controllers(NOVA100 series instruments equipped with communication option) can be multidrop-connected.
- Be sure to connect terminating resistors(220Ω, 1/4W) to slave and master controllers at communication-channel ends as shown above.

CAUTION To prevent electric shock, be sure to turn off the NOVA100 controller and source circuit breaker before wiring.

Power Cable Specification

Vinyl insulated wire 0.9~2.0mm² (Allowed Rating Voltage 300V max)

Terminal Specification

Use M3.5 screw-compatible crimp-on terminals with insulating sleeve as shown below.

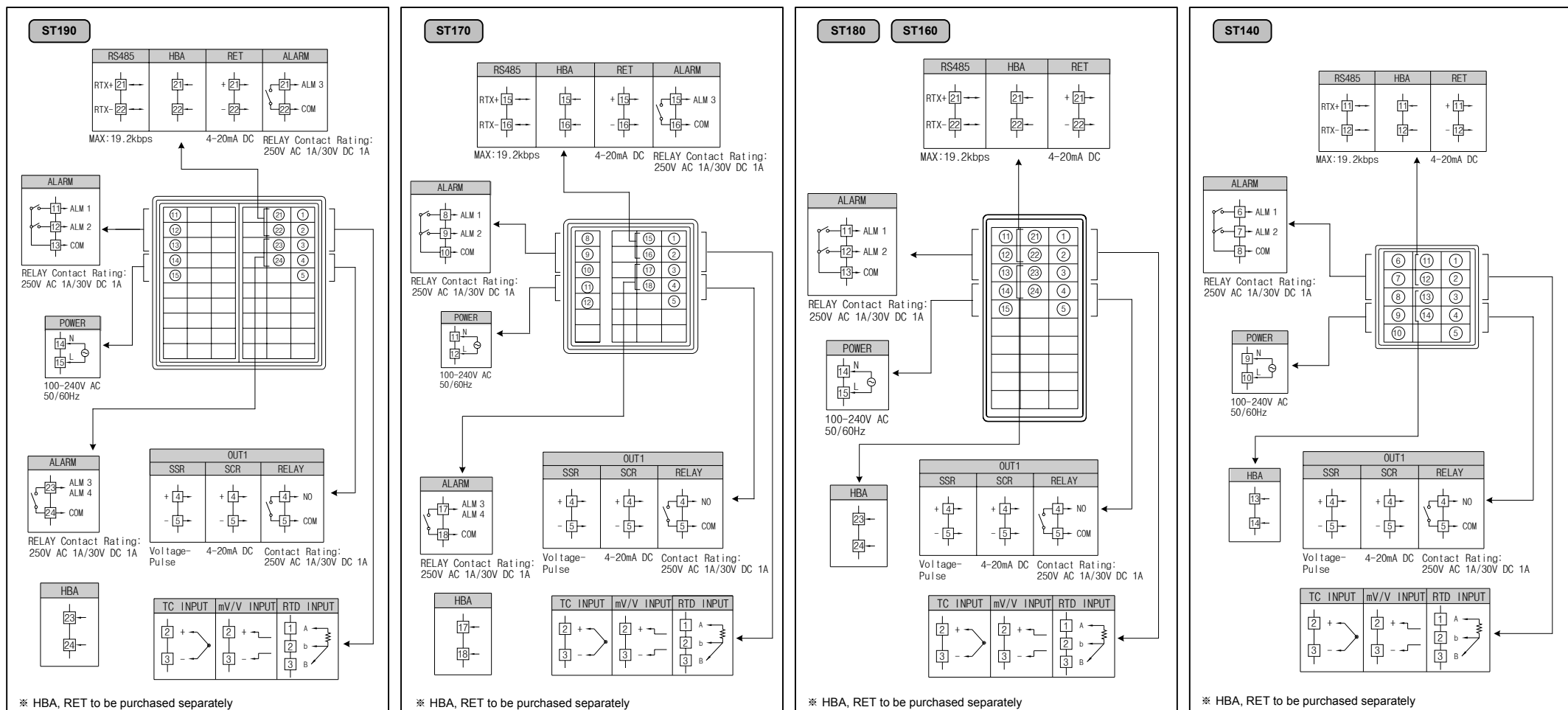
CAUTION Never touch the terminal in the rear panel to prevent electric shock when power is supplied to the controller, and Be sure to turn off the electric power before wiring.

Bind the wires connected to the controller terminals neatly together in order to prevent electromagnetic wave radiation.

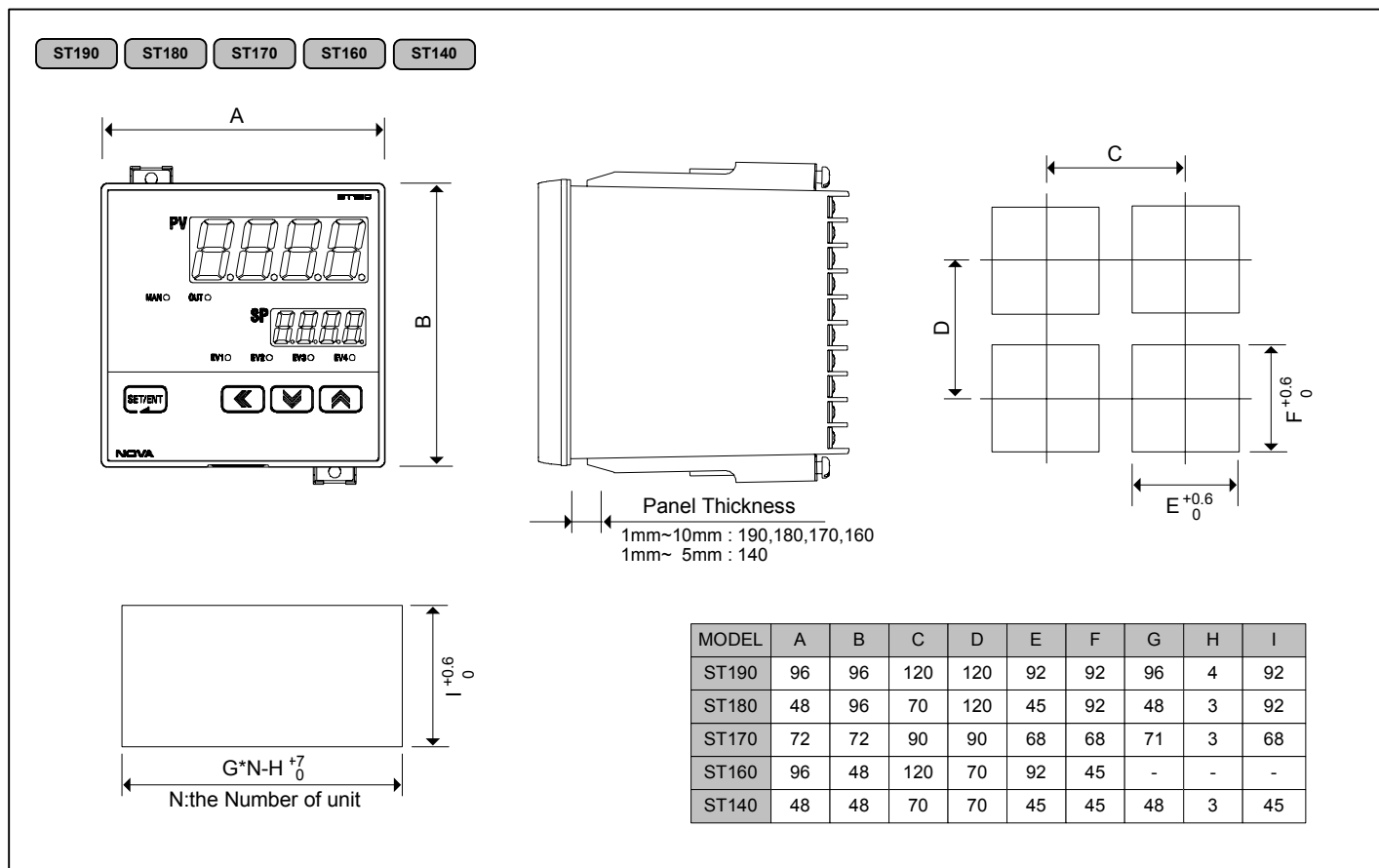
Display Error and Correction

Display ERROR	ERROR Contents	Correction
E.SYS	EEPROM, DATA Loss	Ask repair
E.RJC	RJC SENSOR Failure	Ask repair
Flash Decimal point of SP	Communication Failure	Comm Cable CHECK
S.OPN	SENSOR Open	SENSOR CHECK
E.AT	AT Time Out (27h over)	PROCESS CHECK

Terminal Arrangement and External wiring



Dimension and Panel Cutout



How to install Mount

