

Small size Temperature Controller

Type AM series



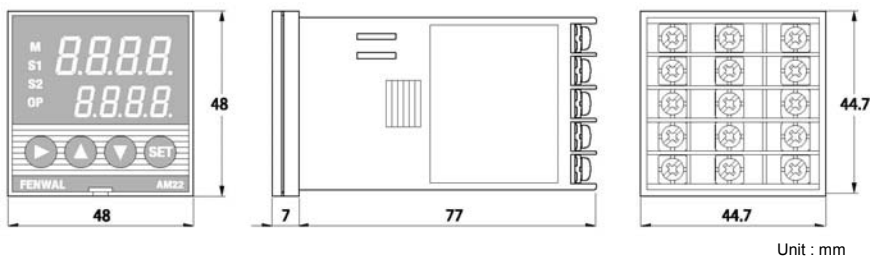
Features & Benefits

- 1/16 DIN size 77mm depth.
- 3rd alarm / RS485 communication / CT / SV shift option
- Enable Preset delivery
- IP64 Water proof/dustproof protection
- Pb Free — Phase III

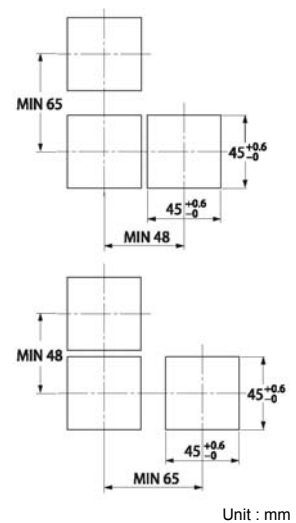
Applications

- For SEMI
 - Temperature control of Wire Bonder
- For Food
 - Bakery, Sealing, Melting machine
- For Plastic
 - Injection
- etc.

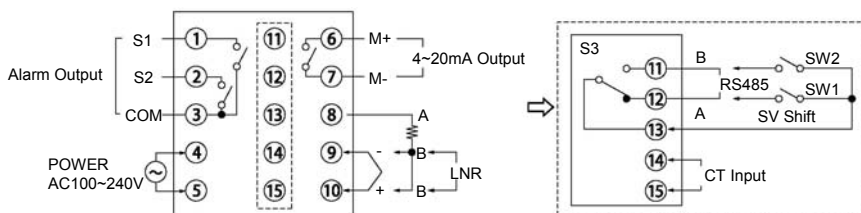
External Dimensions



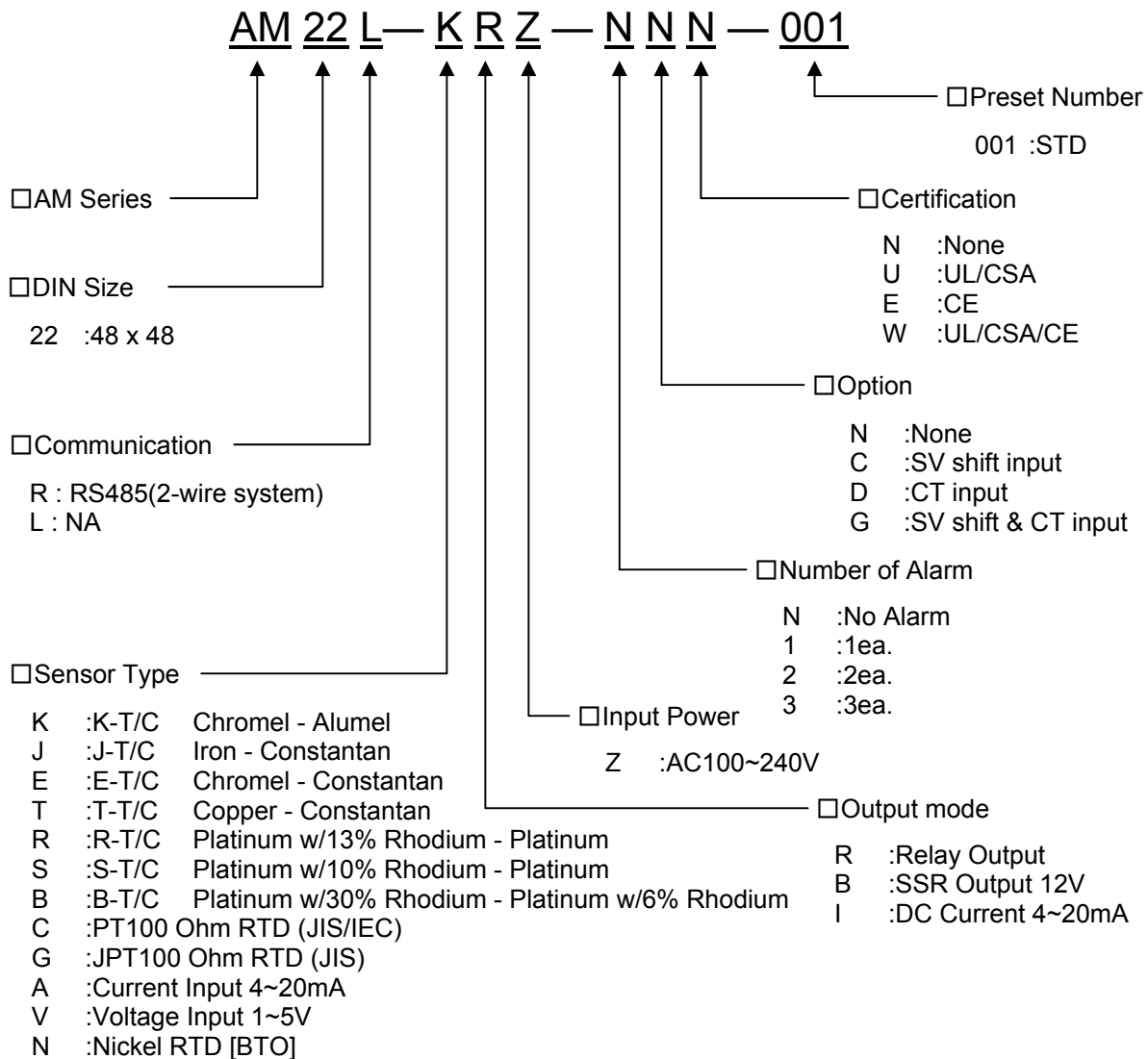
Panel Cutouts



Wiring



Ordering Information



Specification

Input	K,J,E,T,R,S (JIS,IEC,DIN standard) B Resistance temperature sensor : Pt100 ohm (JIS/IES), JPt100 ohm Linear Input : DC1~5V, DC4~20mA
Output	Relay connection output : 1a connection (2A/250VAC, 2A/30VDC, COSφ=1) SSR driving voltage : DC12V Load resistance : more than 300 ohm Current output : 4~20mA Load resistance : more than 400 ohm 740 resolution
Control Method	PID [include Auto tuning] or ON/OFF
Sampling time	500msec.
Alarm Function	Max. 3 point (1a x 2 point, 1c x 1point) 32 type temperature alarm
Communication	RS485 [2 wire type] optional
Power	100~240VAC -15%,+10% 50/60Hz, 10VA
Weight	Approx. 200g
Standard	Safety : EN61010-1 EMC : EN61326

 **FENWAL CONTROLS OF JAPAN, LTD.**

Kyohan Kudan Bldg, 5-10, 1-chome Iidabashi,
Chiyoda-ku, Tokyo 102-0072, Japan
Tel. 03-3237-3568 Fax. 03-3237-3569