

General Specifications:

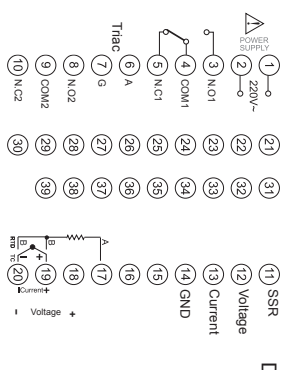
1	Input	Thermocouple Types (R, S, J, K, ...) RTD Types (PT100 , ...) 2 wire or 3 wire Standard input types (0 ~ 10V, 2 ~ 10V, 0 ~ 20mA, 4 ~ 20mA)
2	Outputs	Relay Alarm (Relay) Logic SSR Triac
3	Controller technique:	Voltage and Current Standard analogue PID (manual or Auto tune Options) Non - Linear Controller ON/OFF
4	Ancillary abilities:	Operation Start delay timer Process hold - on timer
5	Sampling Specifications:	Internal Separation $\frac{1}{20000}$ Minimum assessable Input: 1.25 μ V Sampling duration 320 ms Digital Filter: 2.5 s

Identifying instrument version



مشخصات تر مینالیا:

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راهنمای نصب و راه اندازی (Multi) MEGA700



ATB IN
TEMPERATURE INSTRUMENTS



Installation & Application Manual MEGA700 (Multi)

QATBIN 7

- **Permanent Memory**

Permanent Memory

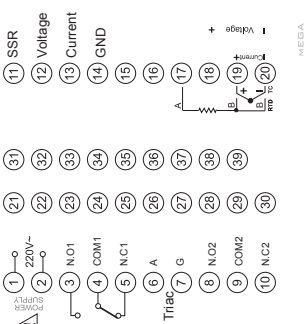
Once the instrument is turned on, the already stored parameter amounts will be

مقادیر مربوط به هر پارامتر در موقع روشن شدن دستگاه از این حافظه خوانده می‌شود. از این به بعد و در حین کار چنانچه هر تغییر واقعی در مقدار پارامتر بوجود آید این تغییرات در حافظه موقت ذخیره می‌شود. چنانچه بخواهیم این مقادیر جدید در حافظه دائمی دستگاه بماند کافی است در هنگام نمایش پارامتر **SPLE** کلید **Enter** را فشار دهیم.

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ATBIN Y

QATBIN 4



- (1, 2) input to 85-265 VAC or 115 to 310 VDC
- (3) main relay open output
- (4) main relay common output
- (5) main relay closed output
- (6) triac «anode»
- (7) triac «Gate»
- (8) alarm relay open output
- (9) alarm relay common output
- (10) alarm relay closed output
- (11) positive SSR output
- (12) positive voltage output
- (13) positive current output
- (14) negative SSR, voltage, current and output
- (19,20) AIN3(+), AIN4(-) Thermocouple input J,K,R,S
- (17,19,20) AIN1, AIN3, AIN4 Inputs For 3 wire Pt100 arrangement and for 2 wire Pt100 arrangement AIN3,AIN4 in short-circuit
- (18,20) AIN2(+), AIN4(-) Standard Voltage Inputs 0 ~ 10 v or 2 ~ 10v
- (19,20) AIN3(+), AIN4(-) Standard Current Inputs 0 ~ 20 or 4 ~ 20 mA

Terminal Specifications:

INSTALLATION MANNER AND REAR CONNECTIONS

- The instrument should be installed according to the drawing delineated below and the signs on its back.
- The relay output withstands resistive loads up to 3A so in case of currents up to 3A the output can be directly connected to consuming device. for currents more than 3A an exterior contactor and RC snubber must be used as shown below.
- One of these three -phases should be used in single - phase applications.
- To extending thermocouple wiring systems the same thermocouple wires should be used.
- It is essential that the thermocouple wires be kept away from magnetic fields and high electrical voltages.

