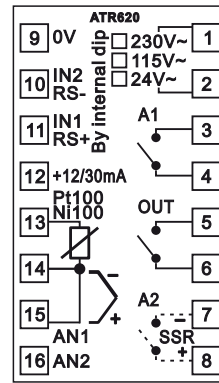


WIRING PLAN



ATR620

Process controller / Programmer 15 cycles / 20 steps



Main features

| | |
|----------------------|--|
| Box | 72x72 (front panel) x 99 mm |
| Power supply | 24/110/230Vac $\pm 15\%$ 50/60 Hz (selection with jumpers) |
| Consumption | 4W |
| Display | 4 digits 0,56" green + 4 digits 0,4" red + led |
| Operating conditions | Temperature 0-45 °C, humidity 35..95 RH% |
| Material | Box: Noryl UL94V1 self-extinguishing; Front panel: Silicon rubber V0 |
| Weight | Approx. 530 gr |
| Sealing | IP65 (Front panel) , IP20 (Box and Terminal bloks) |
| Quick set-up options | Memory Card without battery |

Inputs

| | |
|-----------------|---|
| 2 configurables | Selection TC, K, J, S, R, T, E, PT100, Ni100, 0/4..20 mA, 0/1..10 V |
| 2 digital input | 1..9 cycle selection, Hold, Run, "open door" lock |

Outputs

| | |
|----------------------|---|
| Relays | 2 / 3 Relays 8 A - 250 Vac resistive charge |
| 1 SSR | 12 Vdc - 30 mA max |
| Serial communication | RS485 Modbus RTU - Master/Slave |

Software features

| | |
|--------------------------|--|
| Control algorithms | ON - OFF with hysteresis, P., P.I., P.I.D., P.D. time proportioned |
| Data protections | Lock of command / alarm setpoint, Access to parameters by password |
| Alarm mode | Absolute / Threshold, band, High / Low deviation, timed auxiliary programmable for single steps |
| Waiting function | Special function to compensate differences SPV / PV in case of overloaded system |
| Cycle recovery function | Resume the cycle in case of unexpected power failure |
| Setpoint controller mode | Regulation on a fixed setpoint (function might be enabled from general menu or during a cycle in progress) |
| Delayed start | Cycle start delayed by decremental timer |

Ordering codes

| | |
|--------------|--|
| ATR620-21ABC | 2 Analogue inputs + 2 Relays 8 A + 1 SSR 12Vdc + RS485 |
| ATR620-22ABC | 2 Analogue inputs + 3 Relays 8 A + RS485 |