

# Datasheet AR2 A 8D

- Free of charge Ladder Logic Editor with GUI running on PC, “GEMO LADDER EDITOR”; programming, simulation, download.
- 256 lines, 5 contact column, 1 coil column
- Rising / Falling Edge option for contacts
- 8 Discrete Inputs, built-in filter for each input
- 5 Discrete Outputs
- 32 Timers (11 modes, 9 time bases)
- 2 Timer Ticks (Event Counting)
- 32 Counters (16 bits, Up/Down)
- 32 Counter Comparators (with Offset feature)
- 2 Fast Input Counters
- 2 Independent State Machines (Internal Timer)
- 3 Front Panel F Keys, with built in filter for each
- 48 Auxiliary Relays
- 16 Analog Comparators (with hysteresis)
- 1 PTC Temperature Sensor Input
- 32 Run Time Screens with internal timer; each having 4 sub screens
- Welcome screen with 4 sub screens
- 3 Level user programmable menu system
- 4 Password contacts
- 4 Configuration contacts
- Real Time Clock - optional
- Weekly / Yearly Alarms (for RTC option)
- Scan time < 10msec.
- 2x16 character back-light LCD display
- 18...32VDC or 100...240VAC supply options, 18Vdc Auxiliary Supply Out for discrete inputs