

MILLENIUM 3 SMART

88974031

Millenium 3 Smart CB20 12 In 8 Out Relay 24V dc Blind

- Highly visible blue display
- -20...+70 °C temp range
- Digital and analogue inputs
- Multi control voltages (ac & dc)
- Expandable to up to 50 I/O



PRODUCT DESCRIPTION

Millenium 3 is a compact control unit with powerful functions that provides the capability to build both simple and more complex control and monitoring functions. A few examples of fields of application are air conditioning and heating systems, authorisation controls, vending machines, packaging, pump control and advertising signs. Millenium 3 has the most extensive function library on the market and can even be programmed in Ladder. Function block examples: Time functions, counters, connection timers, mathematical blocks or blocks for analogue signals, logic functions, control of motors, pump control and PID regulation. Millenium 3 also includes "SFC blocks", which are very useful for sequence programming. Models CB12 and CB20 are budget models without displays and settings buttons. There are a few different start kits for quickly getting started with Millenium. These start kits include, besides a Millenium, cable and software, with everything delivered attractively packaged in a special box.

TECHNICAL DATA

GENERAL DATA

| | |
|--------------------------------------|---|
| Number of inputs | 12 |
| Number of outputs | 8 |
| Supply voltage | 24 V DC |
| Expandable | No |
| Display | No |
| Immunity From Micro-Interruptions | 1 |
| Memory for data | 368 bits / 200 words, stored for 10 years |
| Programming method | Functionblocks / SFC or Ladder |
| Program memory | Flash EEPROM |
| Program size | FBD 700 blocks, Ladder 120 rows normally |
| Measurement range analog inputs | 0-10 V DC, 0-24 V DC |
| Logic 1 voltage threshold (DC input) | 15 V |
| Logic 0 voltage threshold (DC input) | 5 V |
| Release time | 5 ms |
| Output type | Relay |
| Switching voltage max | 250 V AC |

| | |
|----------------------------|-----------------------|
| Load current min | 10 mA |
| Mechanical life expectancy | 10 Million operations |

OTHER TECHNICAL DATA

| | |
|-----------------------------|-------------------|
| Width | 124.6 mm |
| Depth | 59.5 mm |
| Height | 90 mm |
| Temperature operational min | -20 °C |
| Temperature operational max | 70 °C |
| Approvals | CE, CSA, RoHS, UL |