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MILLENIUM 3 SMART

88974045
Millenium 3 Smart CD12 8 In 4 Out Relay 12V dc



- 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	8
Number of outputs	4
Supply voltage	12 V DC
Expandable	No
Display	Yes
1472_Immunity From Micro-Interruptions (ms)	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
Real time clock	Yes
Measurement range analog inputs	0-10 V DC, 0-12 V DC
Logic 1 voltage threshold (DC input)	7 V
Logic 0 voltage threshold (DC input)	3 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	71.2 mm
Depth	59.5 mm
Height	90 mm
Temperature operational min	-20 °C
Temperature operational max	70 °C
Approvals	CE, CSA, RoHS, UL

