



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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→ Budget version

- Simply a control system solution inside a modular casing
- Memory: 120 lines in LADDER language and up to 350 "typical" blocks in FBD language
- No display or parameter-setting buttons to avoid tampering by unauthorised users
- Analogue inputs 0-10 V $\overline{\text{---}}$ or 0-20 mA/Pt 100 with converters see page 46



CB12



CB20

Part numbers

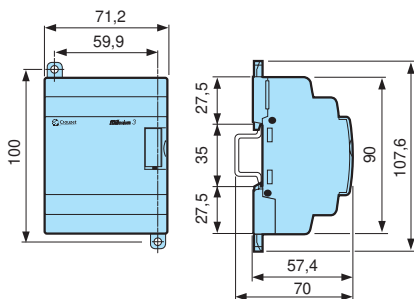
Type	Input	Output	Supply	Code
CB12	8 digital of which 4 are analogue	4 relay	24 V $\overline{\text{---}}$	88970021
	8 digital	4 relay	100 \rightarrow 240 V \sim	88970023
	8 digital	4 relay	24 V \sim	88970024
CB20	12 digital of which 6 are analogue	8 relay	24 V $\overline{\text{---}}$	88970031
	12 digital	8 relay	100 \rightarrow 240 V \sim	88970033
	12 digital	8 relay	24 V \sim	88970034

Accessories

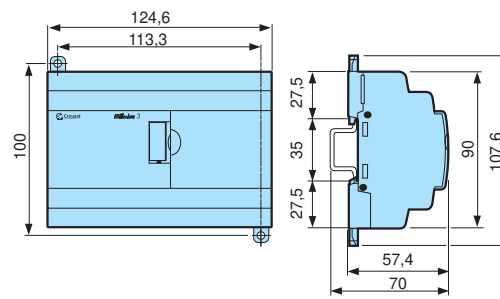
Type	Description	Code
M3 SOFT	Multilingual programming software (CD-ROM)	88970100
M3 SPECIFIC FUNCTIONS	Library of specific functions (CD-ROM)	88970103
PA	EEPROM memory cartridge	88970108
	3 m serial link cable: PC \rightarrow Millenium 3	88970102
	3 m USB link cable: PC \rightarrow Millenium 3	88970109
	Millenium 3 \rightarrow Bluetooth interface (class A 10 m)	88970104

Dimensions (mm)

CB12



CB20



→ Standard starter kits

- Each standard kit includes:
 - 1 standard Millenium 3 (CB12 or 20)
 - 1 USB link cable: PC \rightarrow Millenium 3
 - 1 interactive CD ROM including the software workshop, application library and technical brochures
 - 1 CD-ROM including the library of specific functions
- For alternative packages, see page 54



Kit 12

Part numbers

Type	Input	Output	Supply	Code
Kit 12	8 digital of which 4 are analogue	4 relay	24 V $\overline{\text{---}}$	88970080
	8 digital	4 relay	100 \rightarrow 240 V \sim	88970081
Kit 20	12 digital of which 6 are analogue	8 relay	24 V $\overline{\text{---}}$	88970082
	12 digital	8 relay	100 \rightarrow 240 V \sim	88970083

For adapted products, see page 49