

EVC7500CU

Programmable platform

FREE Way is the new programmable platform developed by Eliwell and composed of the FREE Studio software suite to FREE Smart and FREE FREE Panel Evolution , the new range of programmable controllers available in several formats .

Models (with display EVD, EVC without display) are available in the version with mounting 8 DIN rail with screw terminals disconnected in for easier and faster installation. Eliwell supplies models with relay outputs or SSR outputs. It can be connected to each model (EVD, EVC) up to 12 expansions (EVE) CANopen serial port or RS485. All models FREE Evolution 7500 are equipped with a RS-485 serial port and a serial port CANopen Embedded standard. The 75MP models have MPBUS a serial port instead of the RS485 serial port. FREE Evolution is compatible with industrial systems, BMS and Ethernet networks through range of plug-in modules, modules 2DIN connectable fast and intuitive way to EVD Module / Main EVC. The different communication protocols therefore provide access to all the resources of controller thus ensuring complete control of the installation. Each FREE Evolution model can be connected to two terminals for viewing the menu screen on board the machine. Finally, it is possible, through the network 485, to connect a FREE Smart system acting Slave in a network where Evolution FREE / FREE Panel acts as Master.

Microprocessor

UC	72 MHz
Memory for application	1 Mb
Memory for user interface	1.5 Mb
FLASH memory	128 Mb
RAM memory automatic router	2300 Bytes
RAM memory Modbus router	5000 words
EEPROM	4000 words

Use condition

Operating temperature	-10...55°C
Storage temperature	-20...85°C
Humidity of Use	10...90%RH
Storage humidity	10...90%RH

Caractéristiques

Power supply	24 Vac/cd $\pm 20\%$ or 48 Vdc $\pm 20\%$
Dimensions	8 Din oméga
Network	RS 485 Master or slave + CANOPEN
Connection	Removable screw
Boîtier	PC+ABS UL94 V-0 resin plastic casing, polycarbonate glass
Display	3 leds
Mounting	Din rail



