

## EVD7500C

## 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

<b>UC</b>	72 MHz
<b>Memory for application</b>	1 Mb
<b>Memory for user interface</b>	1.5 Mb
<b>FLASH memory</b>	128 Mb
<b>RAM memory automatic router</b>	512 Mb
<b>RAM memory Modbus router</b>	5000 words
<b>EEPROM</b>	4000 words

### Use condition

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

### Caractéristiques

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



