



# domat<sup>®</sup> control system

## MXPLC

Combined 88 I/O module  
with PLC and web server

### Features:

- 32 Digital Inputs
- 32 Digital Outputs
- 16 Analog Inputs
- 8 Analog Outputs
- 2 RS-232, 2 RS-485
- Ethernet

### Extensive Functionality:

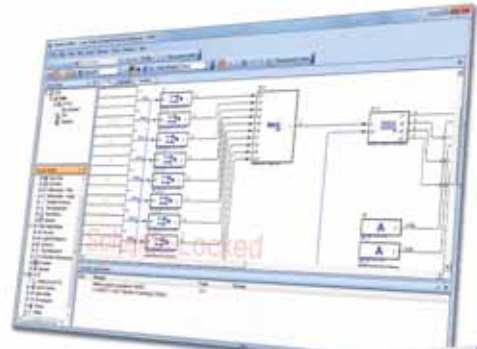
- Free web-based visualization
- Free OPC server
- Extendable via remote I/O modules

### Free Development Tools:

- *SoftPLC IDE* create programs and access a PLC
- *HMI Editor* web and touch panel visualization



More info:  
MXPLC Downloads  
<http://domat-int.com/mxplc>



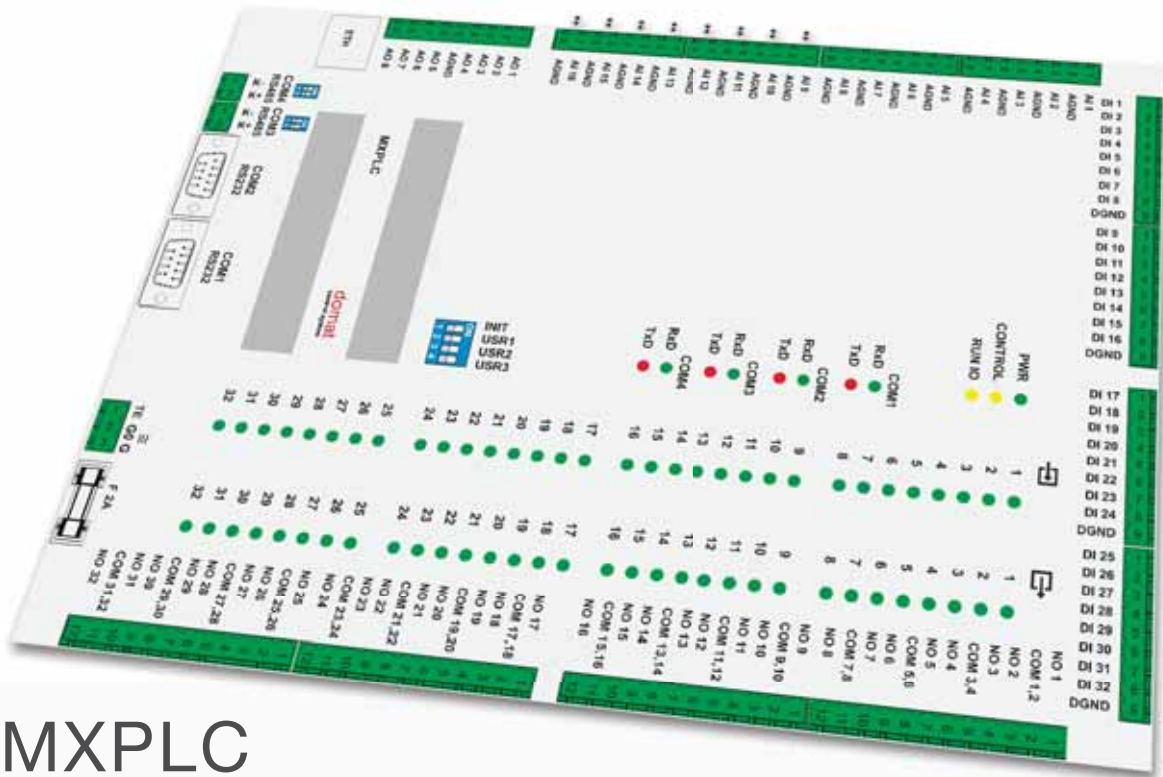
Simple programming environment



Web visualization examples



*Energy under control*



# MXPLC

## Selected Parameters

Supply voltage	10 V ÷ 35 V DC, 14 V ÷ 24 V AC
Consumption	max. 20 VA
Working environment temperature	0 ÷ 70°C
<b>PLC:</b>	
Processor	MPC5200, 400 MHz, 760 MIPS
Memory	64MB RAM, 32 MB Flash, 128 kB NVRAM FRAM
<b>Communication:</b>	
Ethernet	Ethernet 10/100BaseT, RJ45
COM1, COM2	300 ... 115 200 bit/s, parity and bits software selectable
RS232 (CANNON 9 M)	
COM3, COM4	300 ... 115200 bit/s, parity and bits software selectable
RS485 (K+, K- terminals)	
Max. number of modules on the bus	up to 255 addresses, maximum number of modules depends on requested response time
<b>I/O:</b>	
Analogue inputs	<b>8x</b> Pt 1000, Pt100, Ni1000, resistance 20..1600 Ohm, 20...5000 Ohm <b>8x</b> 0-10 V DC, Pt 1000, Pt100, Ni1000, resistance 20..1600 Ohm, 20...5000 Ohm, 0(4)...20 mA – selectable with jumpers and over the software
Analogue outputs	<b>8x</b> 0-10 V DC
Analogue outputs load	min. 10kΩ, max. current 10mA per output; outputs are short-circuit protected by current limitation to 20 mA
Digital inputs	<b>32x</b> 24V AC/DC – voltage must be applied (no dry contacts)
Digital outputs	<b>32x</b> relay, normally open: 5A/250 V AC, 5A/30 V DC, 750 VA, 90 W
Dimensions	292,3 (h) x 237 (w) x 40 (d) mm (module) 324,3 (h) x 237 (w) x 40 (d) mm (incl. fixtures)