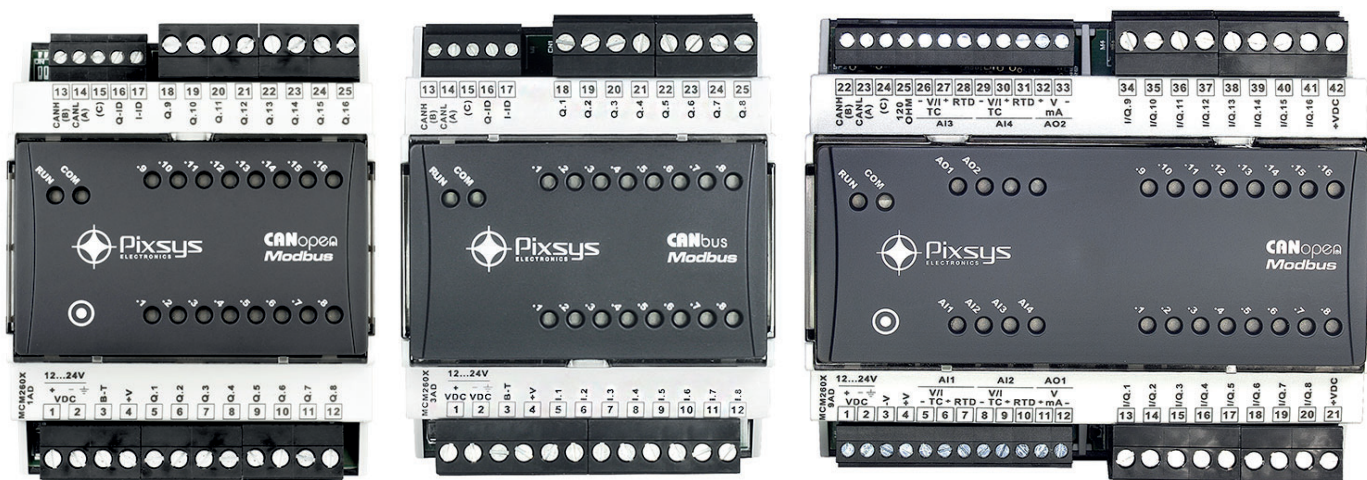


MCM260X

Analogue/Digital I/O modules



✓ Configurable via  NFC and MyPixsys App

✓ Fieldbuses:

- Modbus RTU with RS485 interface
- CANopen

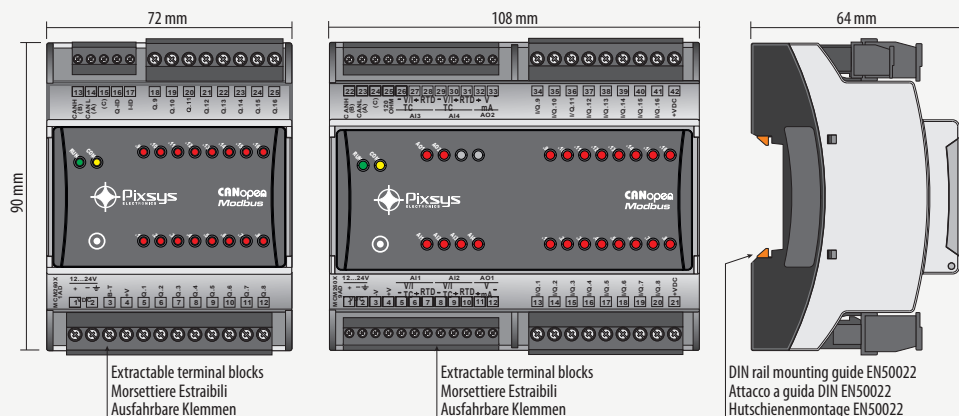


Pixsys Srl

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MAIN FEATURES

BOX	DIN43880 – 4 mod. (MCM260X-1..5AD)/6 mod. (MCM260X-9AD) – 71/108x90x64mm Noryl VO
OPERATING CONDITIONS	Temperature 0–45°C, humidity 35..95 RH%
SEALING	IP20 (box and terminal blocks)
TERMINAL BLOCKS	Extractable
SOFTWARE TOOL	Parameter configuration via internal buttons and via NFC with MyPixsys App
DISPLAY	0.52" 4 displays – RUN, COM and I/O status LEDs
SERIAL COMMUNICATION	RS485 (1200..115200 Baud) galvanically isolated
CAN	CAN (50K..1Mbit) galvanically isolated

TECHNICAL DATA	MCM260X-1AD	MCM260X-2AD	MCM260X-3AD	MCM260X-4AD
POWER SUPPLY	12..24V AC	12..24V AC	12..24V AC	12..24V AC
CONSUMPTION	75Watt/VA max	10Watt/VA max	50Watt/VA max	20Watt/VA max
ANALOGUE INPUTS	○	○	○	○
SAMPLING TIME	○	○	○	○
DIGITAL INPUTS	○	16 PNP 12..24V DC	8 PNP 12..24V DC	8 PNP 12..24V DC
ENCODER/COUNTER INPUTS	○	3 Enc./cont.32bit max.80KHz	3 Enc./cont.32bit max.80KHz	3 Enc./cont.32bit max.80KHz
DIGITAL OUTPUTS	16 PNP, 700mA max 3A Tot.	○	8 PNP, 700mA max 3A Tot.	○
RELAIS OUTPUTS	○	○	○	8 (5A – 250V AC resistive load)
ANALOGUE OUTPUTS	○	○	○	○

TECHNICAL DATA	MCM260X-5AD	MCM260X-9AD
POWER SUPPLY	12..24V AC	12..24V AC
CONSUMPTION	20Watt/VA max	85Watt/VA max
ANALOGUE INPUTS	4x (Res. 16bit) selectable for: TC type K, S, R, J, T, E, N, B (automatic compensation of the cold junction 0..50°C, ±0,2% F.S. ±1 Digit F.S.), termoresistances PT100, PT500, PT1000, Ni100, PTC1K, NTC10K, (β 3435K), process signals 0..10V (54000pts.), 0/4..20mA (40000pts.), 0..60mV (16000pts.), 0..10V, 0..5V, potentiometer 1..150KΩ (50000pts.)	
SAMPLING TIME	Programmable up to 2,1ms (frequency up to 470Hz)	
DIGITAL INPUTS	○	up to 16 PNP overlapped to digital outputs, 12..24V DC
ENCODER/COUNTER INPUTS	○	4x Enc./cont.32bit, max.80KHz
DIGITAL OUTPUTS	○	up to 16 PNP overlapped to digital inputs, 700mA max 3A Tot.
RELAIS OUTPUTS	○	○
ANALOGUE OUTPUTS	2x selectable 4..20mA (40000pts.± 0,2% F.S.) or 0..10V DC (40000pts. ± 0,2% F.S.)	
GALVANICAL ISOLATION	From supply to analogue inputs/outputs to serial bus	

ORDERING CODES

MCM260X-1AD	EXP/PLC 4 MODULES 71X90 16 DO – RS485/CAN -12/24V
MCM260X-2AD	EXP/PLC 4 MODULES 71X90 16 DI – RS485/CAN -12/24V
MCM260X-3AD	EXP/PLC 4 MODULES 71X90 8 DI – 8 DO – RS485/CAN -12/24V
MCM260X-4AD	EXP/PLC 4 MODULES 71X90 8 DI – 8 RL – RS485/CAN -12/24V
MCM260X-5AD	EXP/PLC 4 MODULES 71X90 4 AI – 2AO – RS485/CAN -12/24V
MCM260X-9AD	EXP/PLC 6 MODULES 107X90 4AI – 2AO – 16 DI/O – RS485/CAN -12/24V