

MCM260X

Analogue - digital I/O



Programmable
by RFID /NFC
No wiring required!



Multiple solutions of analogue - digital I/O, free programmable
Multi-signal analogue I/O for temperature sensors and process signals

CANopen[®]

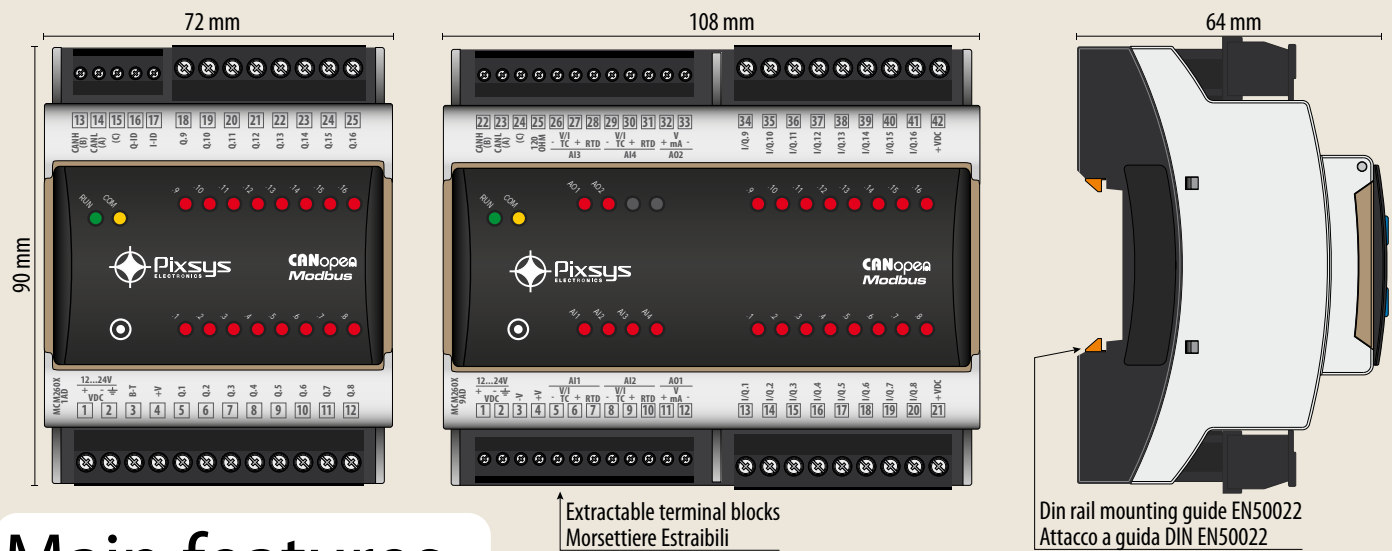
Modbus

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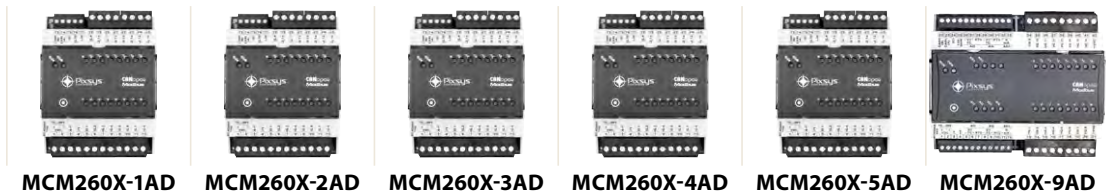




Main features

BOX	DIN43880 – 4 module 71x90x64 (MCM260X-1..5AD), 6 module 108x90x64 (MCM260X-9AD)
POWER SUPPLY	12..24 V DC +/- 15%
POWER CONSUMPTION	3 W
OPERATING CONDITIONS	Temperature 0-45 °C, humidity 35..95 RH%
MATERIAL	Noryl V0
WEIGHT	Approx. 250 g
SEALING	IP20 (box and terminal blocks)
TERMINAL BLOCKS	Extractable

MCM260X Technical data



	MCM260X-1AD	MCM260X-2AD	MCM260X-3AD	MCM260X-4AD	MCM260X-5AD	MCM260X-9AD
PROTOCOLS	Modbus RTU / CANOpen					
DIGITAL INPUT	○	16 PNP	8 PNP	8 PNP	○	PNP, up to 16 selectable as inputs/outputs
ENCODER INPUT	○	3 Encoders, overlapped to 9 PNP inputs (32bit, up to 80Khz)	1 Encoders overlapped to 3 PNP inputs (32bit, up to 80Khz)	1 Encoders overlapped to 3 PNP inputs (32bit, up to 80Khz)	○	4 Encoders overlapped to 12 PNP inputs (32bit, up to 80Khz)
ANALOGUE INPUT	○	2 over D.I. 2/3 only 0..10 V	○	2 over D.I. 2/3 only 0..10 V	4 configurable independent. Selectable: TC typeK, J, S, R, T, E, N, B, PT100, PT500, PT1000, Ni100, PTC1K, NTC10K (B 3435K), linear inputs 0/4..20mA, 0..60mV, 0..1V/0..5V/0..10V, Input potentiometer 1..150 KOhm	
DIGITAL OUTPUT	16 (700 mA max. 3A Tot.)	○	8 (700 mA max. 1,5A Tot.)	○	○	Up to 16 selectable as static outputs 24VDC - 700mA max or digital inputs
RELAYS	○	○	○	8 Relays, 5A res. Load	○	○
ANALOGUE OUTPUT	○	○	○	○	2 configurable independent selection 0..10V or 4..20 mA	
GALVANICAL ISOLATION	From supply to serial Bus				From supply to analogue input / output to serial Bus	

Ordering codes

MCM260X-1AD	16 DO PNP
MCM260X-2AD	16 DI PNP
MCM260X-3AD	8 DI PNP + 8 DO PNP
MCM260X-4AD	8 DI PNP + 8 DO RELAYS
MCM260X-5AD	4 AI + 2 AO
MCM260X-9AD	4AI + 16 D I/O PNP + 2 AO