Product data sheet
Characteristics

TM5NCO1
CANopen FieldBus Interface Module

Main

Range of product	Modicon TM5
Product or component type	CANopen communication module

Complementary

Range compatibility	Modicon LMC058 Modicon M258
Product compatibility	Motion controller Logic controller
Integrated connection type	1 isolated serial link, male SUB-D 9 CANopen, 10, 20, 50, 125, 250, 500, 800, 1000 Kbit/s and autodetected
Current consumption	300 mA
Power dissipation in W	1.5 W
Colour	White
Local signalling	1 LED yellow for controller communication status on TM5 bus (TxD) 1 LED red for CAN status (ERROR) 1 LED green/red for CAN status (RUN) 1 LED green/red for power supply (PWR)
Electrical connection	Removable spring terminal block
Marking	CE
Product weight	0.05 kg

Environment

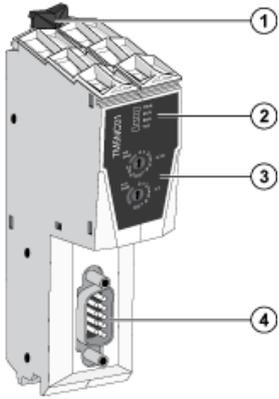|	
Standards	CSA 22-2 No 142 IEC 61131-2 UL 508 CSA 22-2 No 213
Product certifications	CSA C-Tick CULus GOST-R
Ambient air temperature for operation	-10...60 °C with derating factorhorizontal installation -10...55 °C without derating factorhorizontal installation -10...50 °C vertical installation
Ambient air temperature for storage	-40...70 °C
Relative humidity	5...95 % without condensation
IP degree of protection	IP20 conforming to IEC 61131-2
Pollution degree	2 conforming to IEC 60664
Operating altitude	0...2000 m
Storage altitude	0...3000 m
Vibration resistance	3.5 mm 5...8.4 Hz DIN rail 1 gn 8.4...150 Hz DIN rail
Shock resistance	15 gn for 11 ms

Resistance to electrostatic discharge	8 kV in air conforming to EN/IEC 61000-4-2 4 kV on contact conforming to EN/IEC 61000-4-2
Resistance to electromagnetic fields	10 V/m 80 MHz...2 GHz conforming to EN/IEC 61000-4-3 1 V/m 2...2.7 GHz conforming to EN/IEC 61000-4-3
Resistance to fast transients	2 kV power lines conforming to EN/IEC 61000-4-4 1 kV shielded cable conforming to EN/IEC 61000-4-4 1 kV I/O conforming to EN/IEC 61000-4-4
Surge withstand	1 kV common mode conforming to EN/IEC 61000-4-5 0.5 kV differential mode conforming to EN/IEC 61000-4-5
Electromagnetic compatibility	EN/IEC 61000-4-6
Disturbance radiated/conducted	CISPR11

Offer Sustainability

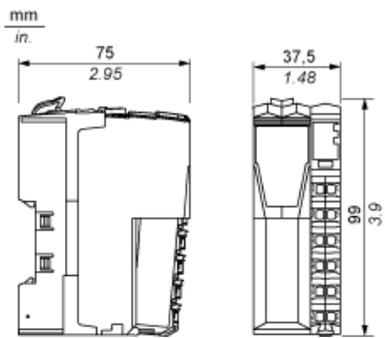| Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 1039 - Schneider Electric declaration of conformity download declaration of conformity

Schneider Electric

CANopen Interface Module

(1)   Locking clip
(2)   Status LEDs
(3)   CANopen address and bit-rate setting rotary switches
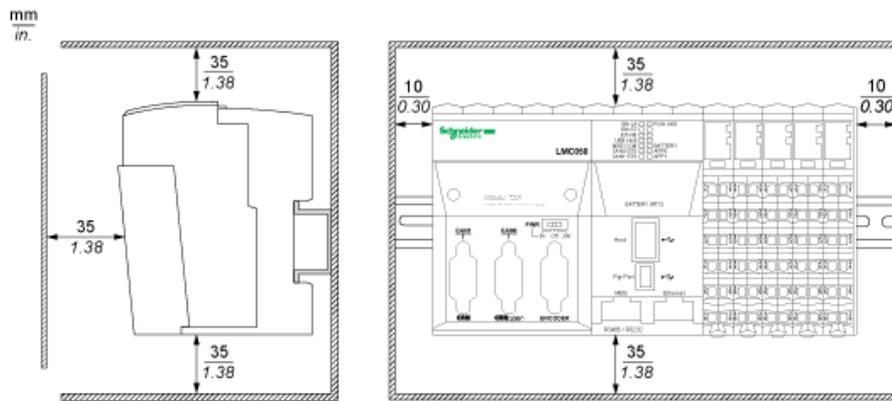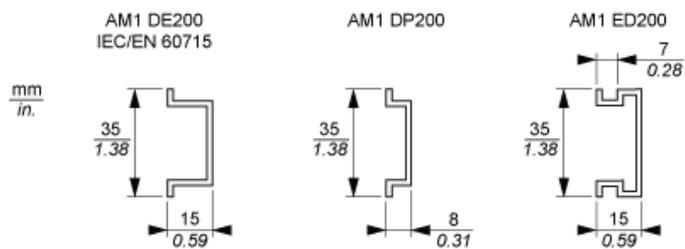(4)   CANopen bus connector (SUB-D 9)

TM5 Field Bus Interface

Dimensions

Schneider Electric

TM5 System

Spacing Requirements

Mounting on a DIN Rail

TM5 System Wiring Recommendations

Wire Sizes to Use with the Removable Spring Terminal Blocks

mm / in.	9 / 0.35				
mm²		0,08...2,5	0,25...2,5	0,25...1,5	2 x 0,25...2 x 0,75
AWG		28...14	24...14	24...16	2 x 24...2 x 18

Schneider Electric