

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Range of product	Modicon TM5
Product or component type	Counter module
Function of module	2 x 24 V DC RS422 sink auxiliary inputs 24 V DC encoder power supply
Discrete input number	1
Counting frequency	250 kHz
Encoder type	1 incremental encoder

Complementary

Range compatibility	Modicon M258 Modicon LMC058
Product compatibility	Motion controller Logic controller
Counter inputs resolution	16 bits/32 bits
Cycle time	<= 2 ms
Input compatibility	1 incremental encoder (5 V)
Isolation	500 Vrms AC insulation between channel and bus
Discrete input logic	Sink
Discrete input voltage	24 V DC
Discrete input current	3.3 mA at 24 V
Input resistance	7.19 kOhm
Input filtering	<= 200 ms
Current consumption	2 mA 5 V DC bus 63 mA 24 V DC input/output
Power dissipation in W	<= 1.51 W
Marking	CE

Environment

Standards	CSA C22.2 No 142 IEC 61131-2 CSA C22.2 No 213 UL 508
Product certifications	CSA CULus GOST-R C-Tick
Ambient air temperature for operation	32...131 °F (0...55 °C) without derating factor horizontal installation 32...140 °F (0...60 °C) with derating factor horizontal installation 32...122 °F (0...50 °C) vertical installation
Ambient air temperature for storage	-13...158 °F (-25...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...6561.68 ft (0...2000 m)
Storage altitude	0...9842.52 ft (0...3000 m)
Vibration resistance	1 gn 8.4...150 Hz DIN rail 3.5 mm 5...8.4 Hz DIN rail

Shock resistance	15 gn 11 ms
Resistance to electrostatic discharge	4 kV on contact conforming to EN/IEC 61000-4-2 8 kV in air conforming to EN/IEC 61000-4-2
Resistance to electromagnetic fields	0.91 V/yd (1 V/m) 2...2.7 GHz conforming to EN/IEC 61000-4-3 9.14 V/yd (10 V/m) 80...2000 MHz conforming to EN/IEC 61000-4-3
Resistance to fast transients	1 kV I/O conforming to EN/IEC 61000-4-4 1 kV shielded cable conforming to EN/IEC 61000-4-4 2 kV power lines conforming to EN/IEC 61000-4-4
Surge withstand	0.5 kV differential mode conforming to EN/IEC 61000-4-5 1 kV common mode conforming to EN/IEC 61000-4-5
Electromagnetic compatibility	EN/IEC 61000-4-6
Disturbance radiated/conducted	CISPR 11

Ordering and shipping details

Category	22532 - M258 PLC
Discount Schedule	PC12
GTIN	00785901984214
Nbr. of units in pkg.	1
Package weight(Lbs)	8.999999999999997E-2
Returnability	N
Country of origin	AT

Offer Sustainability

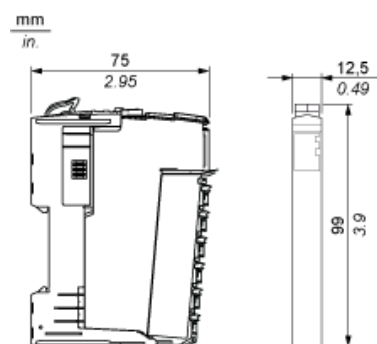
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1039 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End Of Life Information
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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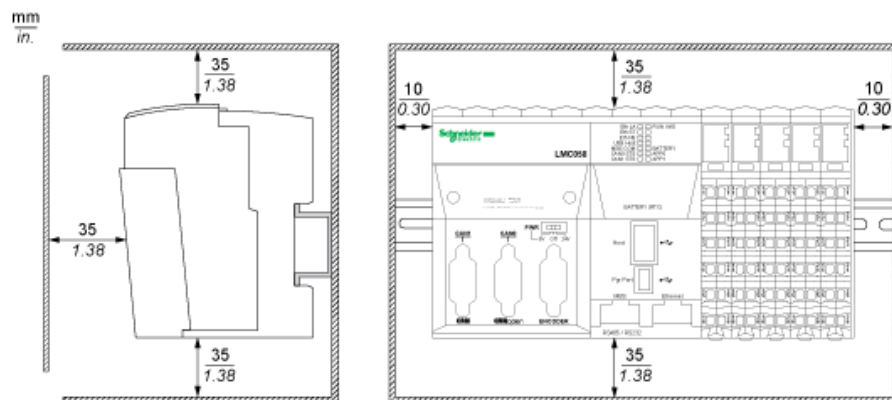
TM5 Slice

Dimensions

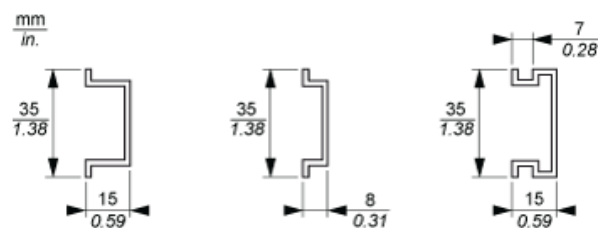


TM5 System

Spacing Requirements

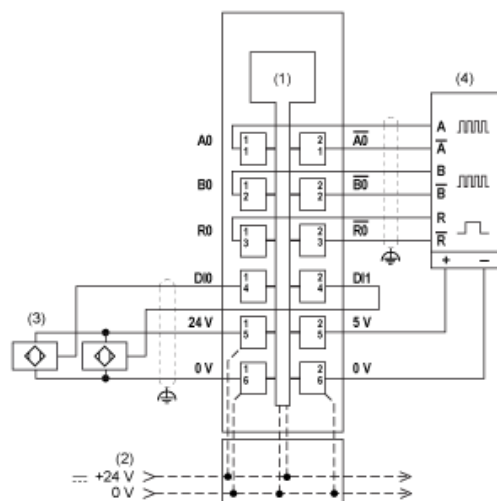


Mounting on a DIN Rail



Electronic Module 1 HSC INC 250 KHz

Wiring Diagram



- 1 Internal electronics
- 2 24 Vdc I/O power segment integrated into bus base
- 3 3-wire sensor
- 4 Encoder

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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