

Product availability : Stock - Normally stocked in distribution facility



Price\* : 245.00 USD



### Main

Range of product	Modicon TM5
Product or component type	Discrete input module
Discrete input number	6
Discrete input voltage	100...120 V

### Complementary

Range compatibility	Modicon LMC058 Modicon M258 PacDrive LMC motion controller
Product compatibility	Motion controller Logic controller PacDrive LMC Pro PacDrive LMC Eco PacDrive LMC Pro 2
Discrete input voltage type	AC
Input voltage limits	100...120 V
Discrete input current	10 mA
Color	Black
Input filtering	<= 15 ms hardware from state 0 to state 1 <= 30 ms hardware from state 1 to state 0 0...25 ms configurable by software
Isolation	No insulation between channels 1500 V AC insulation between channel and bus for 1 minute
Current consumption	42 mA 5 V DC bus
Power dissipation in W	<= 0.89 W
Local signalling	1 LED green power supply 1 LED red power supply 6 LEDs green input status
Electrical connection	1 wire
Marking	CE

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Product weight	0.06 lb(US) (0.025 kg)
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## Environment

Standards	CSA C22.2 No 142 IEC 61131-2 UL 508 CSA C22.2 No 213
Product certifications	CSA C-Tick cULus GOST-R
Ambient air temperature for operation	14...140 °F (-10...60 °C) with derating factor horizontal installation 14...131 °F (-10...55 °C) without derating factor horizontal installation 14...122 °F (-10...50 °C) vertical installation
Ambient air temperature for storage	-40...158 °F (-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...6561.68 ft (0...2000 m)
Storage altitude	0...9842.52 ft (0...3000 m)
Vibration resistance	1 gn (f = 8.4...150 Hz) DIN rail 3.5 mm (f = 5...8.4 Hz) DIN rail
Shock resistance	15 gn 11 ms
Electromagnetic compatibility	Conducted and radiated emissions conforming to CISPR 11 Conducted RF disturbances conforming to EN/IEC 61000-4-6 Electrostatic discharge immunity test (4 kV - on contact) conforming to EN/IEC 61000-4-2 Electrostatic discharge immunity test (8 kV - in air) conforming to EN/IEC 61000-4-2 Susceptibility to electromagnetic fields (1 V/m - 2...2.7 GHz) conforming to EN/IEC 61000-4-3 Susceptibility to electromagnetic fields (10 V/m - 80...2000 MHz) conforming to EN/IEC 61000-4-3 Electrical fast transient/burst immunity test (1 kV - I/O) conforming to EN/IEC 61000-4-4 Electrical fast transient/burst immunity test (1 kV - shielded cable) conforming to EN/IEC 61000-4-4 Electrical fast transient/burst immunity test (2 kV - power lines) conforming to EN/IEC 61000-4-4 1.2/50 µs shock waves immunity test (0.5 kV - differential mode) conforming to EN/IEC 61000-4-5 1.2/50 µs shock waves immunity test (1 kV - common mode) conforming to EN/IEC 61000-4-5

## Ordering and shipping details

Category	22532 - M258 PLC
Discount Schedule	PC12
GTIN	00785901685258
Nbr. of units in pkg.	1
Package weight(Lbs)	7.000000000000007E-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 <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">Product Environmental Profile</a>
Product end of life instructions	Available <a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty period	18 months
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