

Product data sheet

Specifications



counter module - encoder emulation channel (A/B) - 4 MHz

TM5SE1MISC20005

Product availability: Stock - Normally stocked in distribution facility

Price*: 910.00 USD

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 | 2 |
| Counting Frequency | 4 MHz |
| Encoder Type | 1 incremental encoder |

Complementary

| | |
|--------------------------------|---|
| Range Compatibility | PacDrive LMC Eco PacDrive LMC Pro PacDrive LMC Pro2 |
| Product Compatibility | Motion controller |
| Counter Inputs Resolution | 16 bits/32 bits |
| Maximum Cycle Time | 2 ms |
| Isolation | 500 Vrms AC insulation between channel and bus |
| Discrete Input Logic | Sink |
| Discrete Input Voltage | 24 V DC |
| Discrete Input Current | 24 V |
| Input Filtering | <= 200 ms |
| Current Consumption | 2 mA 5 V DC bus 63 mA 24 V DC input/output |
| Maximum Power Dissipation In W | 1.51 W |
| Marking | CE |
| Net Weight | 0.06 lb(US) (0.025 kg) |

Environment

| | |
|------------------------|---|
| Standards | UL 508 CSA C22.2 No 142 CSA C22.2 No 213 IEC 61131-2 |
| Product Certifications | cULus C-tick GOST-R CSA |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| | |
|--|---|
| Ambient Air Temperature For Operation | 32...131 °F (0...55 °C) without derating 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 | IP20IEC 61131-2 |
| Pollution Degree | 2 IEC 60664 |
| Operating Altitude | 0...6561.68 ft (0...2000 m) |
| Storage Altitude | 0.00...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 EN/IEC 61000-4-2 8 kV in air EN/IEC 61000-4-2 |
| Resistance To Electromagnetic Fields | 0.91 V/m (1 V/m) 2...2.7 GHz EN/IEC 61000-4-3 9.14 V/m (10 V/m) 80...2000 MHz EN/IEC 61000-4-3 |
| Resistance To Fast Transients | 1 kV EN/IEC 61000-4-4 I/O) 1 kV EN/IEC 61000-4-4 shielded cable) 2 kV EN/IEC 61000-4-4 power lines) |
| Surge Withstand | 0.5 kV differential mode EN/IEC 61000-4-5 1 kV common mode 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 | 3606481276407 |
| Returnability | No |
| Country Of Origin | FR |

Packing Units

| | |
|-------------------------------------|------------------------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 0.79 in (2.000 cm) |
| Package 1 Width | 2.36 in (6.000 cm) |
| Package 1 Length | 4.13 in (10.500 cm) |
| Package 1 Weight | 1.38 oz (39.000 g) |
| Unit Type Of Package 2 | S01 |
| Number Of Units In Package 2 | 45 |
| Package 2 Height | 5.91 in (15.000 cm) |
| Package 2 Width | 5.91 in (15.000 cm) |
| Package 2 Length | 15.75 in (40.000 cm) |
| Package 2 Weight | 4.34 lb(US) (1.968 kg) |