

Product data sheet

Specifications



counter module - 1 HSC incremental - 4 MHz

TM5SE1IC20005

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

Price*: 930.00 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.

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

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	US1PC1222532
Discount Schedule	PC12
Gtin	3606481276391
Returnability	No
Country Of Origin	AT

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	3.98 in (10.100 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	4.41 lb(US) (2.002 kg)

Sustainability



Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation

[China RoHS declaration](#)

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)