

Product data sheet

Specifications



counter module - 1 HSC incremental - 4 MHz

TM5SE1C20005

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	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
Product Weight	0.055 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...9842.5 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	0.9 V/m (1 V/m) 2...2.7 GHz EN/IEC 61000-4-3 9.1 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
Nbr. of units in pkg.	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 weight(Lbs)	1.376 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	4.414 lb(US) (2.002 kg)



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

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

REACH Regulation

[REACH Declaration](#)

Use Again

Repack and remanufacture

Circularity Profile

[End of Life Information](#)

Take-back

No

WEEE Label

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.