# **Product datasheet**

Specification





## communication module, Modicon TM5, ASCII serial link, modbus, ASCII PCI RS485

TM5PCRS4

#### Main

Range Of Product	Modicon TM5
Product Or Component Type	ASCII serial link communication module
Physical Interface	RS485

### Complementary

Range Compatibility	Modicon M258 Modicon LMC058
Product Compatibility	Motion controller Logic controller
Integrated Connection Type	1 isolated serial link, female SUB-D 9 Modbus ASCII (RS485), 115.2 kbit/s max
Maximum Power Dissipation In W	0.4 W
Marking	CE
Net Weight	0.05 kg

#### **Environment**

Environment	
Standards	CSA C22.2 No 213 IEC 61131-2 UL 508 CSA C22.2 No 142
Product Certifications	GOST-R CSA cULus C-Tick
Ambient Air Temperature For Operation	055 °C without derating (horizontal installation) 060 °C with derating factor (horizontal installation) 050 °C (vertical installation)
Ambient Air Temperature For Storage	-2570 °C
Relative Humidity	595 % without condensation
Ip Degree Of Protection	IP20 conforming to IEC 61131-2
Pollution Degree	2 conforming to IEC 60664
Operating Altitude	02000 m
Storage Altitude	03000 m
Vibration Resistance	1 gn at 8.4150 Hz on DIN rail 3.5 mm at 58.4 Hz on DIN rail
Shock Resistance	15 gn for 11 ms
Resistance To Electrostatic Discharge	4 kV on contact conforming to IEC 61000-4-2 8 kV in air conforming to IEC 61000-4-2

Resistance To Electromagnetic Fields	1 V/m 22.7 GHz conforming to IEC 61000-4-3 10 V/m 80 MHz2 GHz conforming to IEC 61000-4-3	
Resistance To Fast Transients	1 kV (I/O) conforming to IEC 61000-4-4 1 kV (shielded cable) conforming to IEC 61000-4-4 2 kV (power lines) conforming to IEC 61000-4-4	
Surge Withstand	0.5 kV differential mode conforming to IEC 61000-4-5 1 kV common mode conforming to IEC 61000-4-5	
Electromagnetic Compatibility	EN/IEC 61000-4-6	
Disturbance Radiated/Conducted	CISPR 11	

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.100 cm
Package 1 Width	6.100 cm
Package 1 Length	10.600 cm
Package 1 Weight	66.000 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	50
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.630 kg

## **Contractual warranty**

Warranty 18 months



**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> 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

<b>Ø</b>	Toxic Heavy Metal Free	
<b>Ø</b>	Mercury Free	
<b>Ø</b>	Rohs Exemption Information	Yes
<b>⊘</b>	Pvc Free	

#### **Certifications & Standards**

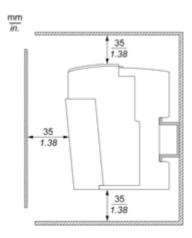
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

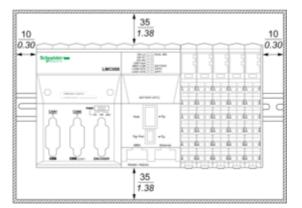
#### TM5PCRS4

Mounting and Clearance

### TM5 System

#### **Spacing Requirements**





#### Mounting on a DIN Rail

