

Schneider Service Manual

TM5SBER2

1. Description

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3. Product Information

TM5SBER2 | Schneider Electric | Remote receiver module, Modicon TM5, Communication between RIO, Distribute power

Manufacturer : Schneider Electric

Remote receiver module, Modicon TM5, Communication between RIO, Distribute power

Range of Product :Modicon TM5

Product or Component Type :Remote receiver module

Product Specific Application :Communication between remote I/O | Distribute power to TM5 bus and I/O

Complementary

Range Compatibility :Modicon M258 | Modicon LMC058

Product Compatibility :Logic controller | Motion controller

Color :Gray

Bus length :8202.10 ft (2500 m)

Maximum cable distance between devices :328.08 ft (100 m)

Current consumption :25 mA 24 V DC Input/output

Maximum power dissipation in W :2.22 W

Local signalling :1 LED green power supply | 1 LED red power bus current |1 LED red power supply | 1 LED yellow communication data bus

Marking :CE

Product Weight :0.06 lb(US) (0.025 kg)

Environment

Standards :CSA C22.2 No 142 | CSA C22.2 No 213 | IEC 61131-2 | UL 508

Product Certifications :CSA | cULus | C-tick | GOST-R

Ambient air temperature for operation :32...122 °F (0...50 °C) vertical installation) | 32...131 °F (0...55 °C) without derating horizontal installation) | 32...140 °F (0...60 °C) with derating factor horizontal 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 | IP67

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 :3595864074870

Returnability :No

Country of origin :AT

Packing Units

Unit Type of Package 1 :PCE

Number of Units in Package 1 :1

Package 1 Height :1.18 in (3.000 cm)

Package 1 Width :2.36 in (6.000 cm)

Package 1 Length :4.13 in (10.500 cm)

Package 1 Weight :2.12 oz (60.000 g)