

## TM5SBER2

remote receiver module - communication between  
remote I/O & distribute power



### Main

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 LMC058 Modicon M258
Product compatibility	Motion controller Logic controller
Colour	Grey
Bus length	<= 2500 m
Cable length	<= 100 m
Current consumption	25 mA 24 V DC input/output
Power dissipation in W	<= 2.22 W
Local signalling	1 LED green for power supply 1 LED red for power bus current 1 LED red for power supply 1 LED yellow for communication data bus
Marking	CE
Product weight	0.025 kg

### Environment

Standards	CSA C22.2 No 142 CSA C22.2 No 142 IEC 61131-2 IEC 61131-2 UL 508 UL 508 CSA C22.2 No 213 CSA C22.2 No 213
Product certifications	CSA C-Tick CULus GOST-R
Ambient air temperature for operation	0...50 °C vertical installation 0...55 °C without derating factorhorizontal installation 0...60 °C with derating factorhorizontal installation
Ambient air temperature for storage	-25...70 °C
Relative humidity	5...95 % without condensation
IP degree of protection	IP67 IP20 conforming to IEC 61131-2
Pollution degree	2 conforming to IEC 60664
Operating altitude	0...2000 m
Storage altitude	0...3000 m
Vibration resistance	1 gn 8.4...150 Hz DIN rail

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	3.5 mm 5...8.4 Hz DIN rail
Shock resistance	15 gn for 11 ms
Resistance to electrostatic discharge	4 kV on contact conforming to EN/IEC 61000-4-2 8 kV in air conforming to EN/IEC 61000-4-2
Resistance to electromagnetic fields	1 V/m 2...2.7 GHz conforming to EN/IEC 61000-4-3 10 V/m 80...2000 MHz conforming to EN/IEC 61000-4-3
Resistance to fast transients	1 kV I/O conforming to EN/IEC 61000-4-4 1 kV shielded cable conforming to EN/IEC 61000-4-4 2 kV power lines conforming to EN/IEC 61000-4-4
Surge withstand	0.5 kV differential mode conforming to EN/IEC 61000-4-5 1 kV common mode conforming to EN/IEC 61000-4-5
Electromagnetic compatibility	EN/IEC 61000-4-6
Disturbance radiated/conducted	CISPR 11

### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1039 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available