Product data sheet
Characteristics

TM5SBER2
remote receiver module, Modicon TM5, communication between RIO, distribute power



Main

Range of product	Modicon TM5
Product or component type	Remote receiver module
Product compatibility	Logic controller Motion controller
Range compatibility	Modicon M258 Modicon LMC058

Complementary

Bus length	2500 M
Current consumption	25 mA at 24 V DC for input/output
Power dissipation in W	2.22 W
Cable length	100 M
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
Housing colour	Grey
Height	99 Mm
Width	12.5 Mm
Depth	75 Mm
Net weight	0.025 Kg

Environment

IP degree of protection	IP20 IP67
Marking	CE
Product certifications	CSA[RETURN]CULus[RETURN]C-Tick[RETURN]GOST-R
Standards	CSA C22.2 No 142 CSA C22.2 No 213 IEC 61131-2 UL 508
Ambient air temperature for operation	0…50 °C (vertical installation) 0…55 °C without derating (horizontal installation) 0…60 °C with derating factor (horizontal installation)
Ambient air temperature for storage	-25…70 °C
Relative humidity	5…95 % without condensation
Operating altitude	0...2000 m
Pollution degree	2

Vibration resistance	1 gn (f = 8.4…150 Hz) on DIN rail 3.5 mm (f = 5…8.4 Hz) on DIN rail
Shock resistance	15 gn for 11 ms

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.000 Cm
Package 1 Width	6.000 Cm
Package 1 Length	10.500 Cm
Package 1 Weight	59.000 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	3.300 Kg

Offer Sustainability

Recyclability potential, in %	0
Total lifecycle Carbon footprint	92 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.9860451161991646
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.020658148427475393
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.04074723945565777
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	89.55120281164511
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	90 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.0941155461729028
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	92
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
PVC free	Yes
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised