Product data sheet
Characteristics

TM5NS31
communication module, Modicon TM5, fieldbus interface, Sercos 3



Main

Range of product	Modicon TM5
Product or component type	Sercos III communication module
Product compatibility	Motion controller
Range compatibility	Modicon LMC078

Complementary

Integrated connection type	Ethernet/IP, 2 RJ45 connectors Sercos (RJ45), 100 Mbit/s
Device composition	Interface module Bus base Power supply Terminal block
Power dissipation in W	1.75 W
Local signalling	1 LED green/red for STAT 1 LED green/red for Sercos III 1 LED green for Sercos III port 1 1 LED green for Sercos III port 2
Height	99 Mm
Width	37.5 Mm
Depth	75 Mm
Net weight	0.03 Kg

Environment

IP degree of protection	IP20
Operating altitude	0...2000 m
Pollution degree	2

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	72.000 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	3.852 Kg

Offer Sustainability

Recyclability potential, in %	0
Total lifecycle Carbon footprint	101 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	20.229835333738816
Carbon footprint of the manufacturing phase [A1 to A3]	20 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.029743693072086904
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	80.67675928977035
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	81 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]	0.11051258018809033
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	101
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