Product data sheet
Characteristics

TM7NCOM16B
CANopen interface I/O block, Modicon TM7, IP67, 16 M8



Main

Range of product	Modicon TM7
Product or component type	CANopen interface I/O block
Range compatibility	Modicon LMC058 Modicon M258
Enclosure material	Plastic
Bus type	CANopen

Complementary

Input/output number	16
Input voltage limits	24 V DC
Electrical connection	1 male connector M12 - A coding - 5 ways for CANopen bus IN 1 female connector M12 - B coding - 4 ways for TM7 bus OUT 1 male connector M8 - 4 ways for power IN 1 female connector M8 - 4 ways for power OUT 1 female connector M12 - A coding - 5 ways for CANopen bus OUT 16 female connectors M8 - 3 ways for sensor or actuator
Operating position	Any position
Fixing mode	By 2 screws
Local signalling	2 LEDs for bus diagnostic 1 LED for actuator power supply diagnostics 1 LED for sensor power supply diagnostics
Height	155 Mm
Width	53 Mm
Depth	42 Mm
Net weight	0.32 Kg

Environment

IP degree of protection	IP67
Marking	CE
Product certifications	GOST-R[RETURN]C-Tick[RETURN]ATEX II 3g EEx nA II T5[RETURN]CURus
Standards	IEC 61131-2
Ambient air temperature for operation	-10…60 °C
Ambient air temperature for storage	-25…85 °C
Relative humidity	5…95 % without condensation or dripping water
Operating altitude	0...2000 m
Pollution degree	2
Vibration resistance	7.5 mm constant amplitude (f = 2…8 Hz) conforming to IEC 60721-3-5 Class 5M3 2 gn constant acceleration (f = 8…200 Hz) conforming to IEC 60721-3-5 Class 5M3 4 gn constant acceleration (f = 200…500 Hz) conforming to IEC 60721-3-5 Class 5M3

Shock resistance	30 gn for 11 ms conforming to IEC 60721-3-5 Class 5M3
Electromagnetic compatibility	EN/IEC 61000-4-6

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.500 Cm
Package 1 Width	5.500 Cm
Package 1 Length	17.800 Cm
Package 1 Weight	381.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	15.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	9.555 Kg

Offer Sustainability

Recyclability potential, in %	10
Total lifecycle Carbon footprint	641 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	21.27782820077086
Carbon footprint of the manufacturing phase [A1 to A3]	21 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
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	619.0458619584408
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	619 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]	0.4944929411849694
Carbon footprint of the end-of-life phase [C1 to C4]	0.5 kg CO2 eq.
Total lifecycle Carbon footprint	641
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
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 : End of commerc. announced