Product data sheet
Characteristics

TM3BCEIP
distributed IO module; Modicon TM3; IP20 optimized bus coupler; Ethernet interface



Main

Range of product	Modicon TM3
Product or component type	I/O distributed module
Product compatibility	Logic controller Motion controller

Complementary

Communication port protocol	Ethernet IP/Modbus TCP
Communication network type	Ethernet IP Modbus TCP IPv4 (internet protocol)
Port Ethernet	10/100BASE-T
Web services	Web server, Ethernet Web server, USB
Current consumption	0.8 A at 24 V DC internal supply maximum 7 expansion modules
Connector type	RJ45 Mini USB port
Exchange mode	Half duplex, full duplex, autonegotiation
Transmission rate	10/100 Mbit/s
Topology	Daisy chain
Communication service	Ethernet/IP adapter Modbus TCP/IP server RSTP (Ring topology support) SNMP Web server DHCP client BOOTP Address conflict detection FTP server
Local signalling	1 LED green/red for PWR (System Status) 1 LED green/red for MS (Module Status) 1 LED green/red for NS (Network Status) 1 LED green/red for I/O status
Fixing mode	By clipping locks (rail) By screws (mounting plate)
Height	96.5 Mm
Width	27 Mm
Depth	70 Mm
Net weight	0.10 Kg

Environment

IP degree of protection	IP20
Product certifications	CE[RETURN]CULus[RETURN]EAC[RETURN]RCM[RETURN]UKCA[RETURN]EU-RO MR
Standards	IEC 61131-2 UL/CSA 61010-1 UL/CSA 61010-2-201
Ambient air temperature for operation	-10…60 °C
Ambient air temperature for storage	-25…70 °C
Operating altitude	0...2000 m
Pollution degree	2
Vibration resistance	3M4 on 35 mm DIN rail

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.400 Cm
Package 1 Width	10.400 Cm
Package 1 Length	12.500 Cm
Package 1 Weight	178.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	3.840 Kg

Offer Sustainability

Recyclability potential, in %	8
Total lifecycle Carbon footprint	158 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	3.2221
Carbon footprint of the manufacturing phase [A1 to A3]	3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.023292
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.00048514
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	154.51
Carbon footprint of the use phase [B2, B3, B4, B6]	155 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.070719
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	158
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	3b9533ee-f829-495f-9b87-8bb0822090f1
REACh Regulation	Reference contains 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