Product data sheet
Characteristics

NTSNEC1200
Network Interface Module, EtherNet/IP, Modbus TCP, 100Mbps, 2 RJ45, Modicon Edge I/O NTS



Main

Range of product	Modicon Edge I/O NTS
Product or component type	Network interface module
Product compatibility	NTSN.....
Range compatibility	Logic/Motion controller - Modicon M262 Modicon M580 Modicon m241 & m251 (pending) Soft dPAC (pending) Third party

Complementary

Integrated connection type	Ethernet/IP Modbus TCP USB 2.0 port
Connector type	2 RJ45 switched ethernet isolated ports USB type C 1
Exchange mode	Full duplex Autonegotiation
Transmission rate	10/100 Mbit/s
Topology	Daisy chain Star Ring (using rstp)
Web server	Embedded
Communication service	Secure boot Secure storage (via TPM) SCEP client (pending) CAE Support Secure syslog server (pending) TLS 1.2 Embedded TPM DPWS (IPv6) Configuration Web server FDR client BOOTP DHCP client IPV4 EtherNet/IP Server Modbus TCP server OPCUA server (explicit only) SNMP (pending) Crashlog NTP v4 RSTP support Static VLAN configuration Quality of Service (QoS) USB RNDIS

Number of addressable I/O module	32 modules
Local signalling	1 LED (green) for RUN 1 LED (red) for ERR 1 LED (green/red) for I/O 1 LED (green/red) for MS 1 LED (green/red) for NS 1 LED (green/red) for cyber security (SEC)
Height	100 Mm
Width	30 Mm
Depth	69 Mm
Net weight	0.262 Kg

Environment

IP degree of protection	IP20
Marking	CE UKCA CULus RCM
Directives	2014/35/EU - directive basse tension 2014/30/EU - electromagnetic compatibility 2014/34/EU - ATEX directive
Ambient air temperature for operation	-20…60 °C derating of channel numbers above 55 °C to 12 channels for 24 vdc at 60 °C
Ambient air temperature for storage	-40…85 °C
Relative humidity	5…95 % without condensation
Operating altitude	0...2000 m without derating 2000 m...5000 m with derating
Pollution degree	2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.684 Cm
Package 1 Width	10.160 Cm
Package 1 Length	13.462 Cm
Package 1 Weight	254.012 G

Offer Sustainability

Recyclability potential, in %	0
Total lifecycle Carbon footprint	116 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	33.88969917387835
Carbon footprint of the manufacturing phase [A1 to A3]	34 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.4069294941567852
Carbon footprint of the distribution phase [A4]	0.4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0006133608842022507
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	80.84434551319164
Carbon footprint of the use phase [B2, B3, B4, B6]	81 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.6571045803022655
Carbon footprint of the end-of-life phase [C1 to C4]	0.7 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	116
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
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

End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised