Product data sheet

Specifications



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

NTSNEC1200K

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Modicon Edge I/O NTS
Product or Component Type	Network interface module
Kit composition	NTSNEC1200 NIM NTSXBA0201H base NTSXMP0000H termination
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

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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)
Housing Colour	Grey
Height	3.9 in (100 mm)
Width	1.2 in (30 mm)
Depth	3.3 in (84 mm)
Product Weight	0.578 lb(US) (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	-4…140 °F (-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…185 °F (-40…85 °C)
Relative humidity	5…95 % without condensation
Operating altitude	0...6561.68 ft (0...2000 m) without derating 2000 m...5000 m with derating
Pollution degree	2

Ordering and shipping details

Category	US1PC3318214
Discount Schedule	PC33
GTIN	3606486878040
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.528 in (11.500 cm)
Package 1 Width	3.937 in (10.000 cm)
Package 1 Length	5.315 in (13.500 cm)
Package weight(Lbs)	12.028 oz (341.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	6
Package 2 Height	5.906 in (15.000 cm)

Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	5.591 lb(US) (2.536 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**116 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**34 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.4 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**81 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.7 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Longer

Lifetime extension

Repair	**No**

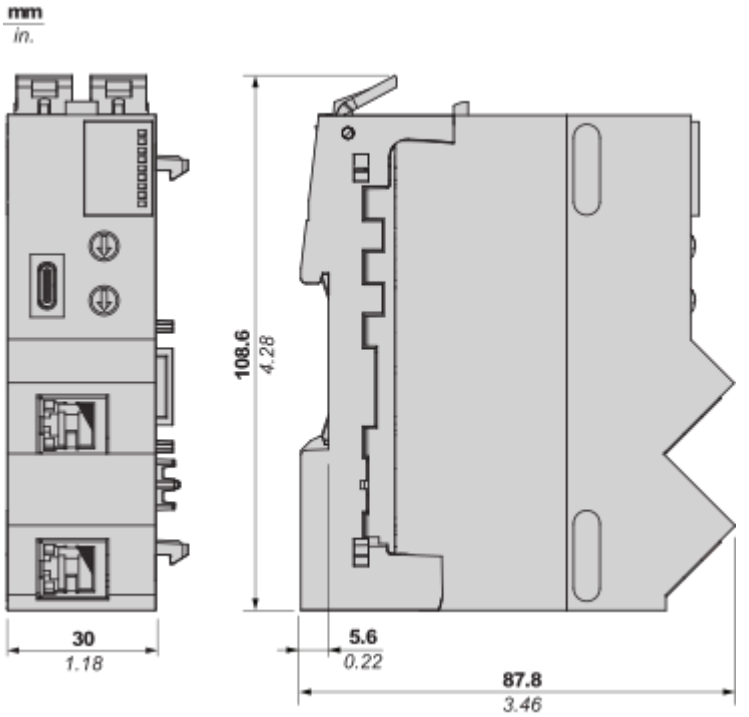
Use Again

Repack and remanufacture

Recyclability potential, in %	**0**
Circularity Profile	End of Life Information
Take-back	**No**

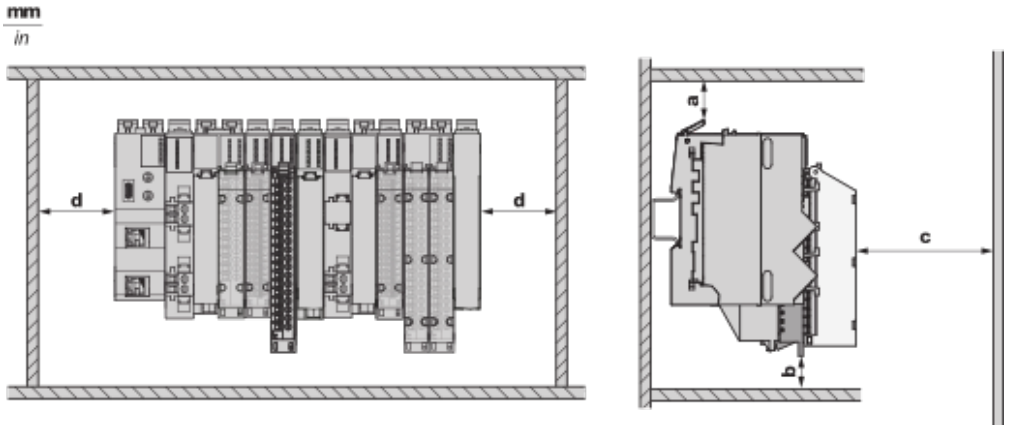
Dimensions Drawings

Dimensions



Mounting and Clearance

Minimum clearances



a : 50 mm (1.97 in) **b :** Without EMC kit: 25 mm (0.98 in), with EMC 55 kit: 55 mm (2.16 in) **c :** 80 mm (3.15 in) **d :** 25 mm (0.98 in)

Technical Illustration

Dimensions

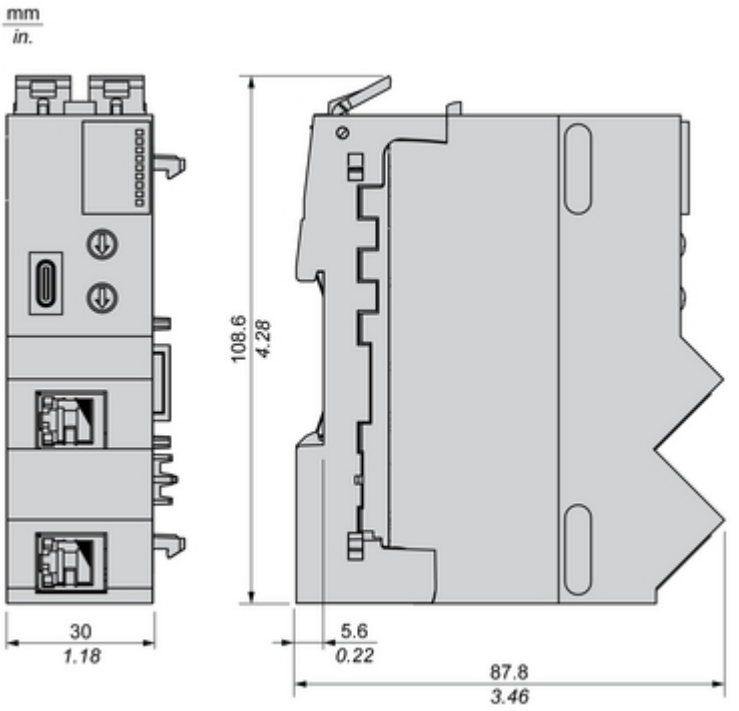
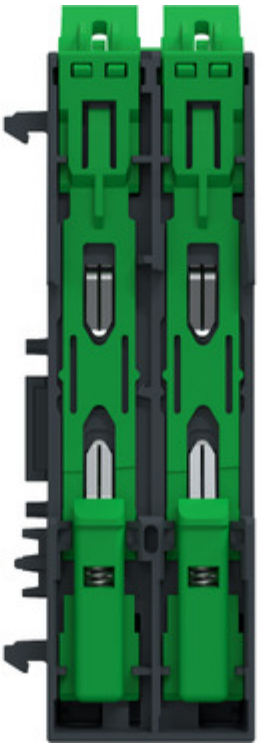


Image of product / Alternate images

Alternative








Cybersecurity
Reset
Standard
Advanced
Modicon Edge I/O NTS


CN3
ETH


Schneider Electric
F- 92500 Rueil Malmaison
Modicon Edge I/O NTS
NTSNEC1200
See instruction manual
Voir manuel d'instructions
PV.XX.X RL.XX SV.X.X.XX
SN.PPYYWWLLLNNNNN
Made in: INDONESIA