


MANUFACTURER DECLARATION FOR RAILWAY APPLICATIONS



We: **Schneider Electric Industries SAS**
35 rue Joseph Monier
92500 Rueil-Malmaison France

Hereby declare under our sole responsibility that the products:

Trademark	Schneider Electric 
Product, Type, Function	Modicon Edge I/O NTS, Industrial Programmable Controller (PLC)
Models	NTSxxxxxx, see detailed list of references
Serial Number	PPYYWWDLLLNNNNN <small>(PP = Plant Code; YY = Year; WW = Week; D = Day of the week, LLL = Plant production line, NNNNN = unique product number)</small>

Have been designed and tested to comply with the following railway standards:

Railway Standards	Fulfilled Requirements	Description
EN 50155: 2017 <i>Railway applications - Rolling stock electronic equipment</i>	§13.4.8	Electromagnetic compatibility test <i>according to standard EN 50121-3-2: 2016</i>
	§13.4.6, §13.4.7, §13.4.14	Climatic testing (temperature, humidity, thermal cycling) <i>according to standard series EN 60068-2</i>
	§13.4.11	Vibration and shock test <i>according to standard EN 61373: 2011</i>
IEC 60571 Ed3.0 (2012) <i>Railway applications - Rolling stock electronic equipment</i>	§12.2.8, §12.2.9	Electromagnetic compatibility test <i>according to IEC 62236-3-2 Ed3.0 (2018)</i>
	§12.2.4, §12.2.5	Climatic testing (temperature, humidity, thermal cycling) <i>according to standard series IEC 60068-2</i>
	§12.2.12	Vibration and shock test <i>according to IEC 61373 Ed2.0 (2010)</i>
EN 50121-4:2016 / IEC 62236-4 Ed. 3.0	All §	EMC for signalling and telecommunication apparatus
EN 50121-5:2017 / IEC 62236-5 Ed. 3.0	All §	EMC for fixed power supply installations

Subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions, user manual and to accepted rules of the art.

Issued at:
Carros – France: March 18th, 2026

Name(*):

Signé par :

14DDB401E56446D
Samuel MAREAU
 Digital factory - Manager Compliance & Certifications

(*) Name and title of the signatory empowered to bind the manufacturer or his authorized representative.

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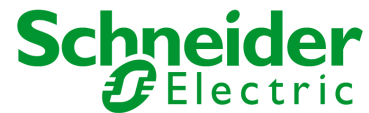
Technical Documentation

The manufacturer keeps the technical documentation in confidential file **NAT10707**.

List of references

Commercial Reference	Description
Network Interface Modules	
NTSNEC1200	Network Interface Module, EtherNet/IP, Modbus TCP, 100 Mbps, 2 RJ45
NTSNEC1200K	Network Interface Module + Base + Termination, EtherNet/IP, Modbus TCP, 100 Mbps, 2 RJ45
NTSNEC1200H	Network Interface Module, EtherNet/IP, Modbus TCP, 100 Mbps, 2 RJ45, Hardened
NTSNEC1200HK	Network Interface Module + Base + Termination, EtherNet/IP, Modbus TCP, 100 Mbps, 2 RJ45, Hardened
Power supplies	
NTSPFB1002H	Power Supply Module, 24V DC, 3,5 A for Bus and 10,5A for Field, Hardened
NTSPFB1002HK	Power Supply Module + Base, 24V DC, 3,5 A for Bus and 10,5A for Field, hardened
NTSPFD1002H	Power Supply Module, 24V DC, 10,5A Field, Hardened
NTSPFD1002HK	Power Supply Module + Base, 24V DC, 10,5A Field, Hardened
Discrete Input Modules	
NTSDDI0802X	Discrete Input Module, 8 In, 24V DC, Sink, 1/2 Wires
NTSDDI0802XK	Discrete Input Module + Base, 8 In, 24V DC, Sink, 1/2 wires
NTSDDI0602	Discrete Input Module, 6 In, 24V DC, Sink, 1/2/3 Wires
NTSDDI0602K	Discrete Input Module + Base, 6 In, 24V DC, Sink, 1/2/3 wires
NTSDDI1602	Discrete Input Module, 16 In, 24V DC, Sink, 1/2/3 wires
NTSDDI1602K	Discrete Input Module + Base, 16 In, 24V DC, Sink, 1/2/3 wires
NTSDDI1602X	Discrete Input Module, 16 In, 24V DC, Sink, 1/2/3 wires
NTSDDI1602XK	Discrete Input Module + Base, 16 In, 24V DC, Sink, 1/2/3 wires
NTSDDI1602XH	Discrete Input Module, 16 In, 24V DC, Sink, 1/2/3 wires, hardened
NTSDDI1602XHK	Discrete Input Module + Base, 16 In, 24V DC, Sink, 1/2/3 wires, hardened
NTSDDI1642	Discrete Input Module, 16 In, 24V DC, Sink, 1 Wire
NTSDDI1642K	Discrete Input Module + Base, 16 In, 24V DC, Sink, 1 wire
NTSDDI0402	Discrete Input Module, 4 In, 24V DC, Sink, Diagnostics, 1/2/3 Wires
NTSDDI0402K	Discrete Input Module + Base, 4 In, 24V DC, Sink, Diagnostics, 1/2/3 Wires
NTSDDI0402H	Discrete Input Module, 4 In, 24V DC, Sink, Diagnostics, 1/2/3 Wires
NTSDDI0402HK	Discrete Input Module + Base, 4 In, 24V DC, Sink, Diagnostics, 1/2/3 Wires
NTSDAI0804	Discrete Input Module, 8 In, 100V to 120V AC, 1 Wire
NTSDAI0804K	Discrete Input Module + Base, 8 In, 100V to 120V AC, 1 Wire
NTSDAI0215H	Discrete Input Module, 2 Isolated In, 100V to 240V AC, Sink, 1/2/3 Wires, Hardened
NTSDAI0215HK	Discrete Input Module + base, 2 Isolated In, 100V to 240V AC, Sink, 1/2/3 Wires, Hardened
Temperature Input Modules	
NTSART0603	Temperature Input Module, 6 Differential In, RTD, Thermistor, 2/3 wires
NTSART0603K	Temperature Input Module + base, 6 Differential In, RTD, Thermistor, 2/3 wires
NTSART0404XH	Temperature Input Module, 4 Differential In, RTD, ThC, mV, 2/3/4 wires, Hardened

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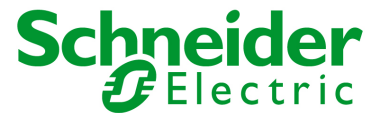


Commercial Reference	Description
NTSART0404XHK	Temperature Input Module + base, 4 Differential In, RTD, ThC, mV, 2/3/4 wires, Hardened
Discrete Output Modules	
NTSDDO0802	Discrete Output Module, 8 Out, 24V DC, 2A, Source, Protected, 1 Wire
NTSDDO0802K	Discrete Output Module + Base, 8 Out, 24V DC, 2A, Source, Protected, 1 Wire
NTSDDO0802X	Discrete Output Module, 8 Out, 24V DC, 2A, Source, Protected, 1 Wire
NTSDDO0802XK	Discrete Output Module + Base, 8 Out, 24V DC, 2A, Source, Protected, 1 Wire
NTSDDO0602	Discrete Output Module, 6 Isolated Out, 24V DC, 500mA/ch, Source, Protected, 1/2/3 Wires
NTSDDO0602K	Discrete Output Module + base, 6 Isolated Out, 24V DC, 500mA/ch, Source, Protected, 1/2/3 Wires
NTSDDO0212H	Discrete Output Module, 2 Isolated Out, 24V DC, 2A/ch, Source, Protected, 1/2/3 Wires, Hardened
NTSDDO0212HK	Discrete Output Module + base, 2 Isolated Out, 24V DC, 2A/ch, Source, Protected, 1/2/3 Wires, Hardened
NTSDDO1602XA	Discrete Output Module, 16 Out, 24V DC, 500mA, Source, Protected, External Supply, 1/2 Wires
NTSDDO1602XAK	Discrete Output Module + base, 16 Out, 24V DC, 500mA, Source, Protected, External Supply, 1/2 Wires
NTSDDO1602XAH	Discrete Output Module, 16 Out, 24V DC, 500mA, Source, Protected, External Supply, 1/2 Wires, Hardened
NTSDDO1602XAHK	Discrete Output Module + base, 16 Out, 24V DC, 500mA, Source, Protected, External Supply, 1/2 Wires, Hardened
NTSDDO1602X	Discrete Output Module, 16 Out, 24V DC, 500mA, Source, Protected, 1/2 Wires
NTSDDO1602XK	Discrete Output Module + base, 16 Out, 24V DC, 500mA, Source, Protected, 1/2 Wires
NTSDDO1602XH	Discrete Output Module, 16 Out, 24V DC, 500mA, Source, Protected, 1/2 Wires, Hardened
NTSDDO1602XHK	Discrete Output Module + base, 16 Out, 24V DC, 500mA, Source, Protected, 1/2 Wires, Hardened
NTSDAO0205	Discrete Output Module, 2 Out, 100V to 240V AC, 1A/ch, Source, Protected, 1/2/3 Wires
NTSDAO0205K	Discrete Output Module + base, 2 Out, 100V to 240V AC, 1A/ch, Source, Protected, 1/2/3 Wires
NTSDAO0415	Discrete Output Module, 4 Isolated Out, 2A, 100V to 240V AC, 1/2/3 Wire
NTSDAO0415K	Discrete Output Module + base, 4 Isolated Out, 2A, 100V to 240V AC, 1/2/3 Wire
NTSDAO0415H	Discrete Output Module, 4 Isolated Out, 2A, 100V to 240V AC, 1/2/3 Wire, Hardened
NTSDAO0415HK	Discrete Output Module + base, 4 Isolated Out, 2A, 100V to 240V AC, 1/2/3 Wire, Hardened
Relay Output Modules	
NTSDRA0615	Relay Output Module, 6 Isolated Out, NO, 2A, 5V to 125V DC, 24V to 240V AC
NTSDRA0615K	Relay Output Module + Base, 6 Isolated Out, NO, 2A, 5V to 125V DC, 24V to 240V AC
NTSDRC0215	Relay Output Module, 2 Isolated Out, NO/NC, 5V to 125V DC, 24V to 240V AC, 2A
NTSDRC0215K	Relay Output Module + base, 2 Isolated Out, NO/NC, 5V to 125V DC, 24V to 240V AC, 2A
NTSDRC0415	Relay Output Module, 4 Isolated Out, NO/NC, 5V to 125V DC, 24V to 240V AC, 5A
NTSDRC0415K	Relay Output Module + base, 2 Isolated Out, NO/NC, 5V to 125V DC, 24V to 240V AC, 5A
NTSDRC0415H	Relay Output Module, 4 Isolated Out, NO/NC, 5V to 125V DC, 24V to 240V AC, 5A, Hardened
NTSDRC0415HK	Relay Output Module + base, 2 Isolated Out, NO/NC, 5V to 125V DC, 24V to 240V AC, 5A, Hardened
Analog Input Modules	
NTSAMI0210	Analog Input Module, 2 Isolated In, Current, Voltage, 2 wires, 10V, 20mA
NTSAMI0210K	Analog Input Module + Base, 2 Isolated In, Current, Voltage, 2 wires, 10V, 20mA
NTSAMI0210H	Analog Input Module, 2 Isolated In, Current, Voltage, 2 wires, 10V, 20mA, Hardened
NTSAMI0210HK	Analog Input Module + Base, 2 Isolated In, Current, Voltage, 2 wires, 10V, 20mA, Hardened
NTSAMI0420	Analog Input Module, 4 Differential In, Current, Voltage, 2 wires, 24 Vdc
NTSAMI0420K	Analog Input Module + Base, 4 Differential In, Current, Voltage, 2 wires, 24 Vdc

ORIGINAL DECLARATION. NO TRANSLATION WITHOUT WRITTEN AUTHORIZATION

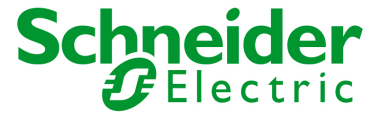
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Commercial Reference	Description
NTSAMI0800	Analog Input Module, 8 In, Current, Voltage, 2 wires, 24 Vdc
NTSAMI0800K	Analog Input Module, 8 In, Current, Voltage, 2 wires, 24 Vdc
Analog Output Modules	
NTSAMO0400	Analog Output Module, 4 Out, Current, Voltage, 10V, 20mA
NTSAMO0400K	Analog Output Module + Base, 4 Out, Current, Voltage, 10V, 20mA
NTSAMO0400H	Analog Output Module, 4 Out, Current, Voltage, 10V, 20mA, Hardened
NTSAMO0400HK	Analog Output Module + Base, 4 Out, Current, Voltage, 10V, 20mA, Hardened
NTSAMO0210	Analog Output Module, 2 Isolated Out, Current, Voltage, 10V, 20mA,
NTSAMO0210K	Analog Output Module + Base, 2 Isolated Out, Current, Voltage, 10V, 20mA,
NTSAMO0210H	Analog Output Module, 2 Isolated Out, Current, Voltage, 10V, 20mA, Hardened
NTSAMO0210HK	Analog Output Module + Base, 2 Isolated Out, Current, Voltage, 10V, 20mA, Hardened
NTSAHO0212H	Analog Output Module, 2 Isolated Out, 20mA, HART, Hardened
NTSAHO0212HK	Analog Output Module + Base, 2 Isolated Out, 20mA, HART, Hardened
Counting Input Modules	
NTSEHC0100	High Speed Counter Module, 1 Incremental In, 24V DC, 250kHz, 2 In
NTSEHC0100K	High Speed Counter Module + Base, 1 Incremental In, 24V DC, 250kHz, 2 In
Counting Input/Output Modules	
NTSEHC0120H	High Speed Counter Module, 1 Incremental In, 24V DC, 250kHz, 2 In, 4 Out, Hardened
NTSEHC0120HK	High Speed Counter Module + Base, 1 Incremental In, 24V DC, 250kHz, 2 In, 4 Out, Hardened
NTSEHC0220	High Speed Counter Module, 2 Incremental In, 24V DC, 250kHz, 4 In, 8 Out
NTSEHC0220K	High Speed Counter Module + Base, 2 Incremental In, 24V DC, 250kHz, 4 In, 8 Out
Field device Master Modules	
NTSFIO0400	Field Device Master Module, IO-Link Master, Up to 4 ch, 4 wires
NTSFIO0400K	Field Device Master Module, IO-Link Master, Up to 4 ch, 4 wires
Common Distribution Modules	
NTSPCM0808H	Common Distribution Module, 0 V DC, 8 Points, 24V DC, 8 Points, eFuse,Hardened
NTSPCM0808HK	Common Distribution Module + Base, 0 V DC, 8 Points, 24V DC, 8 Points, eFuse,Hardened
NTSPCM1600H	Common Distribution Module, 0 V DC, 16 Points, eFuse,Hardened
NTSPCM1600HK	Common Distribution Module + Base, 0 V DC, 16 Points, eFuse,Hardened
NTSPCM0016H	Common Distribution Module, 24 V DC, 16 Points, eFuse,Hardened
NTSPCM0016HK	Common Distribution Module + Base, 24 V DC, 16 Points, eFuse,Hardened
Cluster Terminaison	
NTSXMP0000H	Cluster Termination Module, Hardened.
Dummy Modules	
NTSDMY0100H	Dummy Module, Single Slot, Hardened
NTSDMY0200H	Dummy Module, Double Slot, Hardened
NTSDMY0100HK	Dummy Module + Base, Single Slot, Hardened
NTSDMY0200HK	Dummy Module + Base, Double Slot, Hardened
Baseplate	
NTSXBA0100H	Spare Base, 1 slot, for Input/output Common or Expert Module, Hardened
NTSXBA0200H	Spare Base, 2 slot, for Input/output Common, Expert or Safety Module, Hardened

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Commercial Reference	Description
NTSXBA0201H	Spare Base, 2 slot, for Network Interface Module or Bus extender, Hardened
NTSXBA0301H	Spare Base, 3 slot, for Network Interface Module, Hardened
NTSXBA0103H	Spare Base, 1 slot, for power supply Field and Bus modules, Hardened
NTSXBA0104H	Spare Base, 1 slot, for power supply Field distribution modules, Hardened

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List of accessories

Commercial Reference	Description
Terminal Block	
NTSXTB12000H	Screw Terminal Block, 12 Points, 5 mm Pitch, (Without Cover, Low Height Module, Hardened)
NTSXTB12001H	Screw Terminal Block, 12 Points, 5 mm Pitch, (With Cover, Low Height Module, Hardened)
NTSXTB12200H	Spring Terminal Block, 12 Points, 5 mm Pitch, (Without Cover, Low Height Module, Hardened)
NTSXTB12201H	Spring Terminal Block, 12 Points, 5 mm Pitch, (With Cover, Low Height Module, Hardened)
NTSXTB18000H	Screw Terminal Block, 12 Points, 3.81 mm Pitch, (Without Cover, Low Height Module, Hardened)
NTSXTB18001H	Screw Terminal Block, 18 Points, 3.81 mm Pitch, (With Cover, Low Height Module, Hardened)
NTSXTB18200H	Spring Terminal Block, 18 Points, 3.81 mm Pitch, (Without Cover, Low Height Module, Hardened)
NTSXTB18201H	Spring Terminal Block, 18 Points, 3.81 mm Pitch, (With Cover, Low Height Module, Hardened)
NTSXTB18000XH	Screw Terminal Block, 18 Points, 5 mm Pitch, (Without Cover, High Height Module (X), Hardened)
NTSXTB18001XH	Screw Terminal Block, 18 Points, 5 mm Pitch, (With Cover, High Height Module (X), Hardened)
NTSXTB18200XH	Spring Terminal Block, 18 Points, 5 mm Pitch, (Without Cover, High Height Module (X), Hardened)
NTSXTB18201XH	Spring Terminal Block, 18 Points, 5 mm Pitch, (With Cover, High Height Module (X), Hardened)
NTSXTB12010H	Screw Terminal Block, 12 Points, 5 mm Pitch, (Without Cover, AC, Low Height Module, Hardened)
NTSXTB12011H	Screw Terminal Block, 12 Points, 5 mm Pitch, (With Cover, AC, Low Height Module, Hardened)
NTSXTB12210H	Spring Terminal Block, 12 Points, 5 mm Pitch, (Without Cover, AC, Low Height Module, Hardened)
NTSXTB12211H	Spring Terminal Block, 12 Points, 5 mm Pitch, (With Cover, AC, Low Height Module, Hardened)
NTSXTB02030H	Screw Terminal Block, 2 Points, 5 mm Pitch, (power Supply Module, Hardened)
NTSXTB02230H	Spring Terminal Block, 2 Points, 5 mm Pitch, (Power Supply Module, Hardened)