

Product data sheet

Specifications



Common Distribution Module + Base, 0V DC, 16 Points, Hardened, Modicon Edge I/O NTS

NTSPCM0016HK

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Modicon Edge I/O NTS
Product or Component Type	Common distribution module
Kit composition	NTSPFB1002H module NTSXBA0100H base
Mandatory accessory	NTSXTB18_0_H terminal block
Product Compatibility	NTSN.....
Range Compatibility	Logic/motion controller - Modicon M262 Modicon M580 Third party
Device Application	Industrial application in severe environment
[Us] rated supply voltage	24 V DC

Complementary

Supply voltage limits	0 V DC
Input current	0 mA
Maximum power dissipation in W	0.587 W
Hot swapping fallback	Yes
Protection Type	Overcurrent protection Undervoltage protection Overload protection Short-circuit protection Reverse polarity protection Inrush current control Power up limitation PE current
Typical current consumption	3 mA on the Bus current 0 mA on the field current
Local signalling	1 LED green RUN (Run) logic supplied 1 LED green FIELD power supply
Housing Colour	Grey
Mounting support	Top hat type TH35-7.5 rail IEC 60715 Top hat type TH35-15 rail IEC 60715
Height	3.9 in (100 mm)
Width	0.6 in (15 mm)
Depth	3.1 in (80 mm)
Product Weight	0.159 lb(US) (0.072 kg)

Environment

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

IP Degree of Protection	IP20
Protective treatment	Conformal coating
Marking	CE UKCA CULus RCM
Product certifications	CE UKCA CULus RCM Merchant Navy - EU RO MR (pending) EAC (pending) ATEX Zone 2 (pending) IECEx zone 2 (pending) CCC Ex zone 2 (pending)
Standards	EN/IEC 61131-2 UL 61010-2-201 IACS E10 EN/IEC 60079-0 EN 50155 EN 50121-4 EN 50121-5
Ambient air temperature for operation	-40...158 °F (-40...70 °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)
pollution degree	2
Vibration resistance	1 g without accessory 2 g with accessory
Shock resistance	15 g 11 ms with and without accessory)

Ordering and shipping details

Category	US1PC3318214
Discount Schedule	PC33
GTIN	3606486878101
Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.18 in (3.000 cm)
Package 1 Width	3.54 in (9.000 cm)
Package 1 Length	4.72 in (12.000 cm)
Package 1 Weight	3.492 oz (99.000 g)
Unit Type of Package 2	S01
Number of Units in Package 2	16
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	5.91 in (15.000 cm)
Package 2 Length	15.75 in (40.000 cm)

Package 2 Weight

4.118 lb(US) (1.868 kg)

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	
Carbon footprint (kg CO2 eq, Total Life cycle)	526
Environmental Disclosure	Product Environmental Profile

Use Better

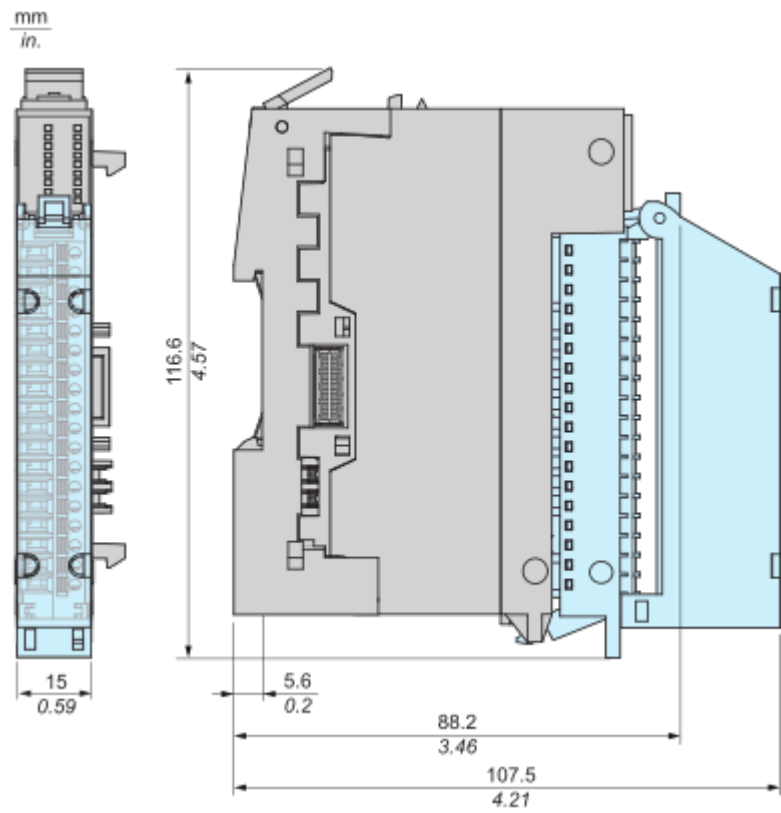
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: 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 Again

Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

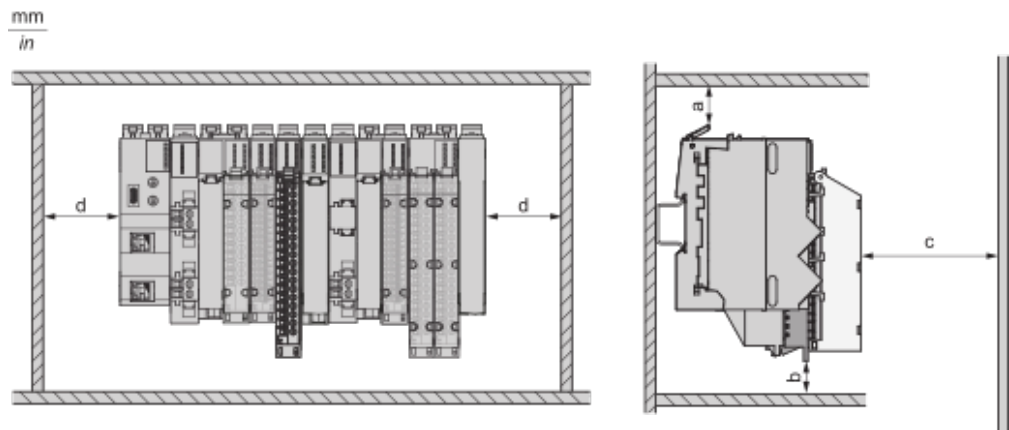
Dimensions Drawings

Dimensions



Mounting and Clearance

Minimum clearances

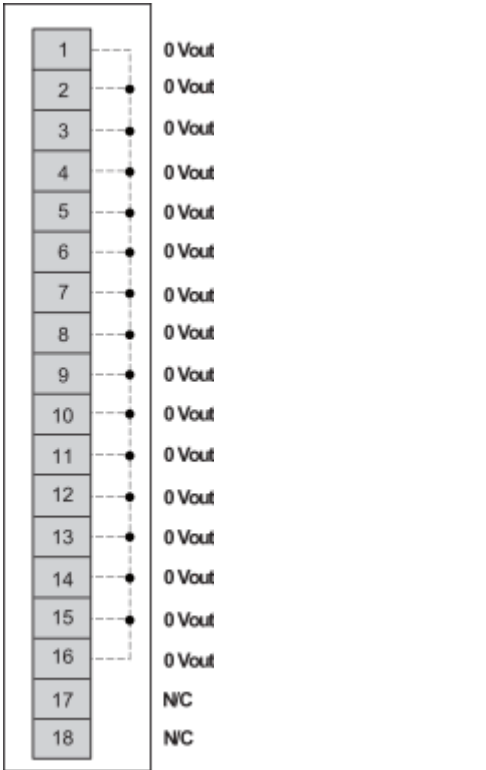


a : 50 mm (1.97 in) **b** : Without EMC kit: 25 mm (0.98 in), with EMC 55 kit: 55 mm (2.16 in) **c** : 80 mm (3.15 in) **d** : 25 mm (0.98 in)

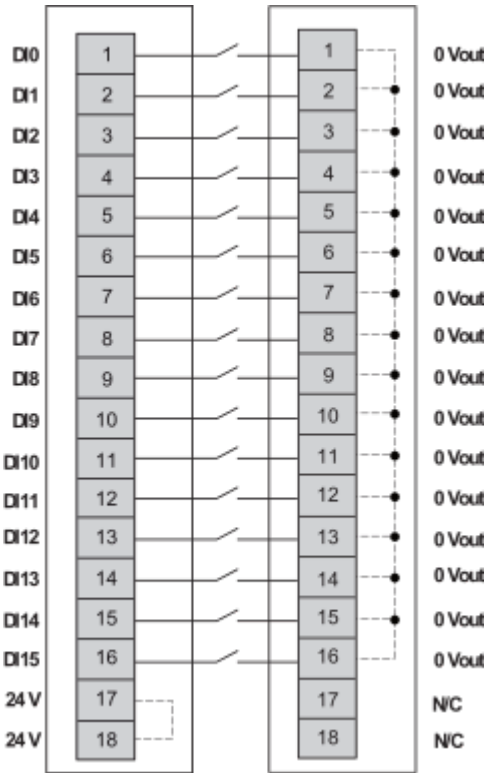
Connections and Schema

Wiring

Wiring diagram for the NTSPCM0016H

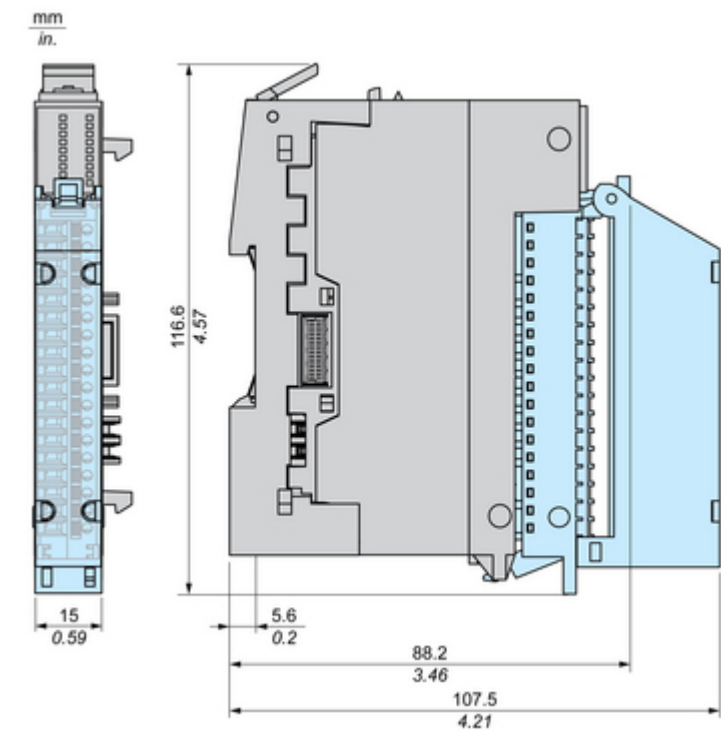


Wiring diagram for the NTSPCM0016H with a NTSDDI1642



Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

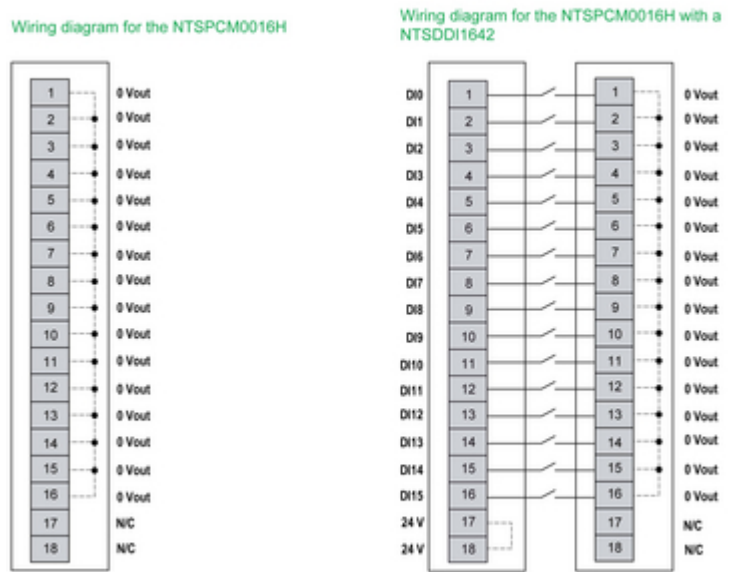


Image of product / Alternate images

Alternative

