

INDUSTRIAL COMPONENT DATA

NSH5-AL001 233997 NSH5AL001 OMRON NSH5 junction Box

Brand: OMRON | Manufacturer Part Number: NSH5-AL001



Manufacturer	OMRON
MPN / Reference	NSH5-AL001
Catalog number	NSH5AL001
Category	Accessories/spare parts for controls
Minimum order	1 Pcs
Document ID	EO-EB900C39A4
Generated	2026-07-31

Product Overview

NSH5 junction Box

NSH5 Connection Box

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	OMRON > Human machine interfaces > HMI Accessories
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Additional Product Information

Re-use projects of non-mobile NS products

10 Function keys, 4 hardwired for inching

Emergency switch on front plus enable switch on back of unit

Well protected against water, IP65

Compact Flash, Serial and USB interface

Specifications & ordering info

Ordering information

Type

Order code

NSH5

TFT, 5.7", 320×240 pixels

Black

NSH5-SQR10B-V2

Accessories

Type

Order code

Bracket NS handheld protecting emergency button from accidental activation

NSH5-ATT01

Bracket NS handheld for wall mounting

NSH5-ATT02

Cable NS handheld, RS-422, 10m UL

NSH5-422UL-10M

Cable NS handheld, RS-232, 10m UL

NSH5-232UL-10M

Cable NS handheld, RS-232, 3m UL

NSH5-232UL-3M

Specifications

Memory card interface

1 slot ATA Compact Flash card

Serial (COM1)

1×RS-232/RS-422A

USB Slave

For programming

Line voltage

24 VDC ±15%

Power consumption

10 W max.

Battery

CJ1W-BAT01

Battery lifetime

5 years (at 25°C)

Enclosure rating

IP651

Obtained standards

UL 1604 Class 1 Diff. 2, cUL, CE, NEMA equivalent

Operating environment

No corrosive gases

Noise immunity

Conforming to IEC 61000-4-4: 2 kV (power supply line)

Ambient operating temperature

0 to 40°C

Ambient operating humidity

35% to 85% max. (with no condensation)

Vibration resistance (during operation)

10 to 57 Hz with amplitude of 0.075 mm, 57 to 150 Hz with acceleration of 9.8 m/s² three minutes each in X, Y, and Z directions

Shock resistance (during operation)

147 m/s² three times each in X, Y, and Z directions

Drop test1

Dropped from 1 m. Conforming to JIS B 3502/IE...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NSH5-AL001 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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