

NX-AD3204

Industrial automation components

Manufacturer	Omron
Catalog number	nx-ad3204
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.45 kgs
Display Name	NX-AD3204
Description	4 Analog Inputs, 4 to 20 mA differential, resolution 1:8000, 250 µs/ch, screwless push-in connector, 12 mm wide
ETIM Class	EC001596
EAN	4549734450416.0
Group	HB
Fam	HBA
Country of Origin	NLD
Tariff Code	8471607000.0
OC Code	NX029088F
Second Item Number	NXAD3204.1
Category	Moduł I/O serii NX
Stat Fam	3CCN
Stat Fam description	Analog In
Publication sort	1DAA1
Primary Package Length	111
Primary Package Width	92
Primary Package Depth	29
Dimensions	111mm x 92mm x 29mm
Primary Package Weight	94 g

Description

The Omron NX-AD3204 is a compact analog input module designed for the NX I/O system, offering four differential analog inputs with a 4 to 20 mA range. Each input provides a 13-bit resolution and a conversion time of 250 μ s per channel, ensuring rapid and precise data acquisition. The module features a screwless push-in connector for easy wiring and occupies a 12 mm width, making it suitable for space-constrained applications. With an input impedance of 250 Ω and an overall accuracy of $\pm 0.2\%$ at 25°C, it delivers reliable performance across various industrial environments. The NX-AD3204 is ideal for integrating analog sensors into the NX I/O system, facilitating efficient and accurate data processing in automation systems.