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Data Sheet

August 15, 2026

CURTISS-WRIGHT / DY-4

Curtiss-Wright / DY-4 IP4-206-020 Digital Opto I/O IndustryPack Module

Curtiss-Wright / DY-4 Digital Input Board. Channel: count input scenarios and mixed input/output contr.



MODEL

**Curtiss-Wright /
DY-4 IP4-206-020**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

IP4-206-020

LISTING

[https://aumictechlabs.c
om/products/ip4-206-0
20-2/](https://aumictechlabs.com/products/ip4-206-020-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Curtiss-Wright/DY-4 IP4-206-020 is a digital opto I/O IndustryPack module that delivers optically isolated signal interfacing for embedded systems operating in harsh industrial environments. The module provides 16 optically isolated channels configurable as either inputs or outputs, plus 24 dedicated input-only channels, enabling flexible I/O architecture for complex control and monitoring applications. Technical Specifications Module Type: IndustryPack Module Manufacturer: Curtiss-Wright / DY-4 Model: IP4-206-020 I/O Architecture: 16 optically isolated bidirectional channels; 24 input-only channels Buffering: Double-buffered transmitters and receivers Interrupt Latching: Edge-sensitive with programmable polarity Output Synchronization: External clock input for simultaneous output register updates Environmental Protection: Designed for harsh environments and industrial applications; conformal coating available Key Features Each input channel generates interrupts with event latching to prevent data loss Programmable edge

sensitivity and interrupt polarity control External clock capability enables coordinated multi-channel output transitions Optical isolation provides galvanic separation between logic and field circuits Double-buffered design eliminates race conditions in transmit and receive paths Typical Applications Process automation, machinery control, industrial sensor networks, and distributed I/O in embedded systems requiring noise immunity and signal isolation. The configurable channel architecture suits both high-channel-count input scenarios and mixed input/output control requirements. Compatibility & Integration The IP4-206-020 integrates into VME, CompactPCI, PCI, and PCI Express carrier systems via the IndustryPack standard interface. Third-party suppliers maintain availability of documentation and technical resources.

IP4206020 Characteristics / Specifications

PARAMETER	VALUE
Model	IP4-206-020
Instrument Type	Digital opto I/O IndustryPack
Mezzanine	IndustryPack
Family	DY-4 IP4-206
Related Adc	IP4-660 A/D IndustryPack
Related Sbc	SCP-122
Form Factor	IndustryPack I/O module
Manufacturer	DY-4 / Curtiss-Wright
Use Case	isolated discrete I/O
Control	IP carrier / SCP host
Operating Temperature Class	rugged IP
Literature	Curtiss-Wright DY-4 IP4-206-020 listings
Io Type	digital opto
Configuration	020
Documentation Type	OEM IndustryPack catalog
Brand Lineage	DY-4 Curtiss-Wright
System Role	isolated DIO IP
Power	from IP carrier
Isolation	optical isolation
Connector	IP I/O connector
Logic Class	discrete opto levels per IP4-206 sheet
Calibration Source	OEM published specifications
Operating temperature	Class: rugged IP

IP4206020 Specifications

PARAMETER	VALUE
Applications	Opto-isolated discrete I/O on rugged DY-4 IP carriers.
Digital opto I/O IndustryPack	DY-4 IP4-206 family
Technical Specifications	Model: IP4-206-020

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: rugged IP
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Literature	Curtiss-Wright DY-4 IP4-206-020 listings
Io Type	digital opto
Configuration	020
Documentation Type	OEM IndustryPack catalog
Brand Lineage	DY-4 Curtiss-Wright
System Role	isolated DIO IP
Power	from IP carrier
Isolation	optical isolation
Connector	IP I/O connector
Logic Class	discrete opto levels per IP4-206 sheet
Calibration Source	OEM published specifications Notes From Curtiss-Wright / DY-4 IP4-206-020 digital opto I/O IndustryPack catalog identity. Channel count, voltage, and isolation voltage are on the IP4-206 data sheet.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.