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Data Sheet

August 15, 2026

CURTISS-WRIGHT

Curtiss-Wright IP-IDLS40T0-67 / BHAS-LOW40 IndustryPack I/O Module

The Curtiss-Wright IP-IDLS40T0-67 / BHAS-LOW40 is a 40-channel high-power low-side driver IndustryPack module engineered for industrial I/O control. This singlewide IP module delivers open-collector driver outputs across 40 channels, with per-channel transient diode protection and board-level emitter commons accessible via 8-pin I/O connectors. It conforms to ANSI/VITA 4-1995 both electrically and mechanically, enabling direct integration into standard IP module carriers. Scalable architecture - stack multiple modules in quad-IP carriers for expanded channel density Aumictech offers NIST-traceable calibration and repair for the Curtiss-Wright IP-IDLS40T0-67 / BHAS-LOW40. Calibration covers per-channel threshold accuracy, input leakage current, logic level high/low margins, and signal timing verification. All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1



MODEL

Curtiss-Wright IP-IDLS40T0-67 / BHAS-LOW40

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

IP-IDLS40T0-67 / BHAS-LOW40

LISTING

<https://aumictechlabs.com/products/ip-idls40t0-67-bhas-low40-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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open-collector driver outputs across 40 channels, with per-channel transient diode protection and board-level emitter commons accessible via 8-pin I/O connectors. It conforms to ANSI/VITA 4-1995 both electrically and mechanically, enabling direct integration into standard IP module carriers. Technical Specifications Channel Count: 40 channels Driver Type: Low-side (Open-Collector) Drivers Power Capability: High Power Output Configuration: 8 channels per byte-lane Form Factor: Singlewide IP Module Standards Compliance: ANSI/VITA 4-1995 (electrical and mechanical) Key Features Per-channel transient diode cathode commons routed to I/O connector Board-level emitter commons accessible via 8-pin I/O connectors Open-collector topology suitable for high-current switching applications Scalable architecture - stack multiple modules in quad-IP carriers for expanded channel density Typical Applications Industrial relay and solenoid control Process automation and machinery control Data acquisition systems requiring low-side switching Discrete I/O control in distributed industrial systems Compatibility & Integration The module integrates into any standard four-module IP carrier. A single quad-IP slot yields up to 160 channels of low-side driver capability on a single computer backplane connection. Mix with other IP modules to build customized I/O solutions without redesign.

IPIDLS40T067BHASLOW40 Characteristics / Specifications

PARAMETER	VALUE
Model	IP-IDLS40T0-67 / BHAS-LOW40
Base Model	BHAS-LOW40
Configuration	IP-IDLS40T0-67
Instrument Type	IndustryPack I/O module
Mezzanine Standard	IndustryPack
Related Reed Module	BHAS-REED25
Manufacturer	Curtiss-Wright Systran
Literature	Curtiss-Wright BHAS-LOW40 / IP-IDLS40T0-67 listings
Family	Systran/Curtiss BHAS IndustryPack I/O
Brand Lineage	Systran Curtiss-Wright
Form Factor	IndustryPack mezzanine
System Role	IP analog/digital I/O
Use Case	carrier based embedded I/O
Documentation Type	OEM BHAS-LOW40 listing
Year Class	BHAS-LOW40
Application Class	IndustryPack I/O
Vendor Path	Systran Curtiss-Wright
Slot Class	IndustryPack site
Documentation Class	OEM BHAS-LOW40 catalog
Control Class	IP I/O
Companion Role	VME/cPCI IP carrier
Operating Mode	IndustryPack I/O
Instrument Class	IP I/O module
Bus	IndustryPack
Carrier Class	VME/cPCI IP carrier

PARAMETER	VALUE
I/O Class	low level analog/digital
Configuration Class	IP-IDLS40T0-67 build of BHAS-LOW40

IPIDLS40T067BHASLOW40 Specifications

PARAMETER	VALUE
IndustryPack I/O module	BHAS-LOW40 family
Carrier based I/O	Companion to BHAS-REED25
Technical Specifications	Model: IP-IDLS40T0-67 / BHAS-LOW40

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

Specifications	
PARAMETER	VALUE
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Base Model	BHAS-LOW40
Configuration	IP-IDLS40T0-67
Instrument Type	IndustryPack I/O module
Mezzanine Standard	IndustryPack
Related Reed Module	BHAS-REED25
Manufacturer	Curtiss-Wright Systran
Literature	Curtiss-Wright BHAS-LOW40 / IP-IDLS40T0-67 listings
Family	Systran/Curtiss BHAS IndustryPack I/O
Brand Lineage	Systran Curtiss-Wright
Form Factor	IndustryPack mezzanine
System Role	IP analog/digital I/O
Use Case	carrier based embedded I/O
Documentation Type	OEM BHAS-LOW40 listing
Year Class	BHAS-LOW40
Application Class	IndustryPack I/O
Vendor Path	Systran Curtiss-Wright
Slot Class	IndustryPack site
Documentation Class	OEM BHAS-LOW40 catalog
Control Class	IP I/O
Companion Role	VME/cPCI IP carrier
Operating Mode	IndustryPack I/O
Instrument Class	IP I/O module
Bus	IndustryPack
Carrier Class	VME/cPCI IP carrier
I/O Class	low level analog/digital

PARAMETER	VALUE
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Configuration Class	IP-IDLS40T0-67 build of BHAS-LOW40
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Notes

From Curtiss-Wright/Systran BHAS-LOW40 / IP-IDLS40T0-67 listings (IndustryPack I/O). Channel count, ranges, and IP I/O mapping are on the BHAS-LOW40 hardware reference / IDLS40 configuration.

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

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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.