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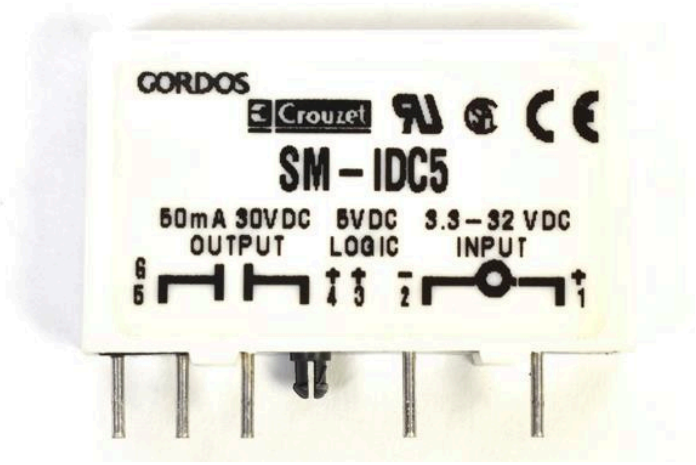
Data Sheet
August 15, 2026

CROUZET / GORDOS-ARKANSAS

Crouzet / Gordos-Arkansas SM-IDC5 Digital Input Module

Crouzet / Gordos-Arkansas Digital Input Board. Current: ** 34 mA, Voltage: ** 5 VDC, Voltage: ** 4000 V (transient-rated).



MODEL	CALIBRATION
Crouzet / Gordos-Arkansas SM-IDC5	Available on request
CONDITION	**STATUS**
Used	In stock
RFQ / SKU	**LISTING**
SM-IDC5	https://aumictechlabs.com/products/sm-idc5-2/

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Crouzet / Gordos-Arkansas SM-IDC5 is a digital input module that converts industrial-level voltage signals into 5 VDC TTL-compatible logic output for control system integration. Designed for harsh industrial environments, this module accepts input signals across a 3.3–32 VDC range and delivers reliable data acquisition with galvanic isolation. Technical Specifications Input Voltage Range: 3.3–32 VDC Logic Output: 5 VDC (TTL-compatible) Input Current: 34 mA Logic Supply Voltage: 5 VDC Isolation Voltage: 4000 V (transient-rated) Turn-On/Off Time: 1 ms Output Type: Open-collector Key Features Galvanic isolation rated to 4000 V protects downstream logic circuits from transient surges and ground potential differences. Open-collector output topology integrates easily into multi-input signal conditioning architectures. 1 ms switching response time suits real-time control feedback loops. Epoxy-sealed construction in white housing provides environmental sealing for factory floor deployment. 5-pin I/O rack mounting enables standard

DIN-rail panel integration. Typical Applications Digital signal conditioning for PLC inputs, motor control interlocks, sensor signal buffering, and discrete event monitoring in industrial automation systems. The wide input voltage acceptance and optical isolation make this module suitable for mixed-signal environments where sensor outputs range from 3.3 V CMOS to 32 V industrial logic levels. Compatibility & Integration Direct pin-compatible replacement for Opto 22 IDC5, Grayhill IDC5, and Crydom IDC5 modules. Maintains identical mounting footprint and pinout, enabling retrofit into legacy control cabinets without redesign.

SMIDC5 Characteristics / Specifications

PARAMETER	VALUE
Model	SM-IDC5
Instrument Type	G4 digital DC/AC input module
Family	Gordos SM / IDC5-class 5 V logic bricks
Input Voltage Dc	10 to 32 VDC
Input Voltage Ac	12 to 32 VAC
Input Current	25 mA at maximum line
Turn On Time	5 ms
Turn Off Time	5 ms
No Output Current	1 mA
No Output Voltage	3 V
Logic Nominal	5 VDC
Logic Range	4.5 to 6 VDC
Logic Current	12 mA at nominal logic voltage
Input Resistance	1.5 kohm
Control Resistance	220 ohm
Operating Temperature	minus 30 C to 70 C
Isolation	4000 V transient input to output
Logic Drop	0.4 V at 50 mA
Output Current	50 mA
Transistor Breakdown	30 V
Form Factor	G4 single-point plug-in brick
Typical Uses	voltage presence and dry-contact sensing into 5 V racks
Manufacturer	Gordos-Arkansas / Crouzet
Literature	Gordos SM-IDC5 / IDC5-class DC input module specification table
Sibling	IDC5B 4-16 VDC high speed; IDC5D 2.5-28 VDC; IDC5G 35-60 V

SMIDC5 Specifications

PARAMETER	VALUE
Applications	PLC and PAC digital input racks, contact sensing, and 5 V logic industrial I/O using G4 brick modules.
Key Features	G4 brick DC/AC input, 5 VDC logic
Technical Specifications	Model: SM-IDC5

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	minus 30 C to 70 C
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Output Current	50 mA
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Form Factor	G4 single-point plug-in brick
Typical Uses	voltage presence and dry-contact sensing into 5 V racks
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Literature	Gordos SM-IDC5 / IDC5-class DC input module specification table
Sibling	IDC5B 4-16 VDC high speed; IDC5D 2.5-28 VDC; IDC5G 35-60 V Notes From Gordos SM-IDC5 identification and the published IDC5-class G4 DC input table (10-32 VDC / 12-32 VAC, 5 V logic, 4000 V isolation). Channel timing onaspecific rack belongs on that controller manual.

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

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Notes

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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

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