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Data Sheet

August 15, 2026

CROUZET

Crouzet GN 84136121 Solid State Relay

Crouzet GN 84136121 Panel Mount Solid State Relay Queue model 84136121 is the Crouzet GN series hockey-puck solid state relay. Artisan configuration for GN 84136121 lists 48 to 660 VAC zero-cross output, 50 A load, and 90 to 280 VAC control. Crouzet GN series literature covers panel-mount AC output relays at 10/25/50/75/100/125 A, output bands 24-280 VAC and 48-660 VAC, control bands 4-32 VDC, 18-36 V AC/DC, 20-265 VAC and 90-260 VAC, zero-cross or random switching, LED input status, direct-bond copper substrate, built-in transient protection on zero-cross types, and IP20 touch-safe covers. Family output table lists 5 mA rms minimum load and 47-63 Hz operating voltage. Queue model 84136121 is the Crouzet GN series hockey-puck solid state relay. Artisan configuration for GN 84136121 lists 48 to 660 VAC zero-cross output, 50 A load, and 90 to 280 VAC control. Crouzet GN series literature covers panel-mount AC output relays at 10/25/50/75/100/125 A, output bands 24-280 VAC and 48-660 VAC, control bands 4-32 VDC, 18-36 V AC/DC, 20-265 VAC and 90-260 VAC, zero-cross or random switching, LED input status, direct-bond copper substrate, built-in transient protection on zero-cross types, and IP20 touch-safe covers. Family output table lists 5 mA rms minimum load and 47-63 Hz operating voltage. Heater, lighting and resistive AC load switching from panel-mount hockey-puck SSR in industri



MODEL

Crouzet 84136121

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

84136121

LISTING

<https://aumictechlabs.com/products/84136121-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Crouzet GN 84136121 is a panel-mount solid-state relay engineered for single-phase AC load switching in industrial and commercial environments. It accepts DC control input between 3.5 VDC and 32 VDC, switching AC loads from 24 VAC to 280 VAC at a maximum continuous current of 25 A. The relay features 4000 VAC optical isolation, an LED input status indicator, and built-in transient protection. Screw terminals provide secure connections. Operating temperature range spans -10°C to 40°C.

Technical Specifications
Control Input Voltage: 3.5 VDC to 32 VDC
AC Output Load Voltage: 24 VAC to 280 VAC
Maximum Continuous Load Current: 25 A
Frequency: 50 Hz
Optical Isolation: 4000 VAC
Operating Temperature Range: -10°C to 40°C
Contact Type: Screw terminals

Key Features
Single-phase AC switching architecture
LED input status indicator for visual feedback
Built-in transient protection
4000 VAC optical isolation between control and load circuits
Panel-mount configuration
EMC compatible for industrial environments

Typical Applications
Electric motor control
Industrial automation systems
HVAC equipment switching
AC load switching in commercial installations

Compatibility & Integration
The GN series meets EN60950 and IEC 1000-4-2 requirements with CE certification. EMC compatibility ensures reliable operation in industrial electromagnetic environments.

84136121 Characteristics / Specifications

PARAMETER	VALUE
Model	84136121
Instrument Type	Panel mount single-phase solid state relay
Family	Crouzet GN series (8413)
Load Voltage	48 to 660 VAC zero cross (84136121 configuration)
Load Current	50 A (84136121 configuration)
Control Voltage	90 to 280 VAC (84136121 configuration)
Switching Mode	zero cross
Family Currents	10, 25, 50, 75, 100, 125 A
Family Low Band	24 to 280 VAC output
Family High Band	48 to 660 VAC output
Family Dc Control	4 to 32 VDC
Family Ac Control	20 to 265 VAC and 90 to 260 VAC
Family Mixed Control	18 to 36 V AC/DC
Minimum Load	5 mA rms (GN series table)
Line Frequency	47 to 63 Hz
Contact Form	SPST-NO (1 Form A) hockey puck
Status Indicator	LED input status
Substrate	direct bond copper
Transient Protection	built-in on zero-cross GN types
Cover	integrated IP20 touch-safe removable covers (GN generation)
Mounting	panel / chassis hockey puck
Approvals	cURus, CE, EAC; VDE on selected GN rows
Manufacturer	Crouzet
Literature	Crouzet GN series datasheet and Artisan 84136121 configuration

PARAMETER	VALUE
Sibling	84137121N GN50AZH 50 A 48-660 VAC with 20-265 VAC control on the laterNgeneration

84136121 Specifications

PARAMETER	VALUE
Crouzet GN 84136121 Panel Mount Solid State Relay	Overview
Key Features	GN series 50 A 48-660 VAC zero-cross hockey puck
LED input status and DBC substrate	Family current ratings 10 to 125 A
Technical Specifications	Model: 84136121

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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Instrument Type	Panel mount single-phase solid state relay
Family	Crouzet GN series (8413)
Load Voltage	48 to 660 VAC zero cross (84136121 configuration)
Load Current	50 A (84136121 configuration)
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Family Low Band	24 to 280 VAC output
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Approvals	cURus, CE, EAC; VDE on selected GN rows
Manufacturer	Crouzet
Literature	Crouzet GN series datasheet and Artisan 84136121 configuration
Sibling	84137121N GN50AZH 50 A 48-660 VAC with 20-265 VAC control on the laterNgeneration

Notes

From Crouzet GN series selection/datasheet tables plus Artisan GN 84136121 configuration (50 A, 48-660 VAC zero cross, 90-280 VAC control). Do not copy 84137121N control-voltage figures onto 84136121.

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.