

## INDUSTRIAL COMPONENT DATA

# RGC1P48V50ED CARLO GAVAZZI System: DIN-rail Mount, Current rating category: 26 50 AAC, Rated voltage: 480 VA..

Brand: CARLO GAVAZZI | Manufacturer Part Number: RGC1P48V50ED



|                 |                   |
|-----------------|-------------------|
| Manufacturer    | CARLO GAVAZZI     |
| MPN / Reference | RGC1P48V50ED      |
| Catalog number  | 10000             |
| Category        | Solid state relay |
| Minimum order   | 1 Pcs             |
| Document ID     | EO-224671E5F8     |
| Generated       | 2026-08-06        |

## Product Overview

System: DIN-rail Mount, Current rating category: 26 - 50 AAC, Rated voltage: 480 VAC, Output switching mode: Phase angle, Full cycle, Advanced Full cycle & Soft start, Number of poles: 1, Control: DC - ANALOGUE , Power connection: Box Clamp, Model: Proportional Controllers, Current rating: 50 AAC @ 40°C (104°F), integrated heatsink, Control input: 0...10VDC, 0...5VDC, 1...5VDC, potentiometer, Product width: 72 x 110 x 126 mm

Single phase AC - Analog input, integrated heatsink; Intensity 50ACA; Input 0-10, 0-5, 1-5VDC

1-pole DIN-rail mount SSR, Proportional control, Operating voltage (Ue): 190 - 550 Vac (1200 Vp), Rated current (Ie): 50 Aac, Input: 0 -10 / 0 - 5 / 1 - 5 Vdc, External supply: 24 Vdc/Vac, Built-in overvoltage protection

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                               |
|--------------|-----------------------------------------------|
| Catalog path | CARLO GAVAZZI > Switches > Solid state relays |
|--------------|-----------------------------------------------|

## Additional Product Information

## Specifications

Output switching modeProportionalNumber of poles1Rated current AC-5150 AOperating voltage190 V ... 550 VControl voltage AC0 V ... 0 VControl voltage DC0 V ... 10 VAnalogue control signal0-10V, 0-5V, 1-5VPower connectionBox clamp ETIM for RGC1P48V50ED Relays (EC002055)

## Feature Name

## Feature Value

Rated control supply voltage AC 50 Hz (EF003978)

0 V

Rated control supply voltage AC 60 Hz (EF003979)

0 V

Rated control supply voltage DC (EF003980)

0 V

Voltage type for actuating (EF008242)

DC

Rated operation current  $I_e$  at AC-51 (EF009488)

50 A

Number of phases (EF000351)

1

Modular version (EF001126)

Yes

Switching at zero-crossing (EF011956)

No

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / RGC1P48V50ED with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.