

INDUSTRIAL COMPONENT DATA

RGC1P48AA42E CARLO GAVAZZI System: DIN-rail Mount, Current rating category: 26 50 AAC, Rated voltage: 480 VA..

Brand: CARLO GAVAZZI | Manufacturer Part Number: RGC1P48AA42E



Manufacturer	CARLO GAVAZZI
MPN / Reference	RGC1P48AA42E
Catalog number	10000
Category	Solid state relay
Minimum order	1 Pcs
Document ID	EO-14314C65D7
Generated	2026-08-05

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: 43 AAC @ 40°C (104°F), integrated heatsink, Control input: 4...20 mA , Product width: 36 x 110 x 104 mm

AC single-phase solid-state relay, analog input, Integrated heatsink, Rated Voltages 43 ACA

1-pole DIN-rail mount SSR, Proportional control, Operating voltage (Ue): 190 - 550 Vac (1200 Vp), Rated current (Ie): 43 Aac, Input: 4 - 20 mADC, 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-5143 AOperating voltage190 V ... 550 VControl voltage AC0 V ... 0 VControl voltage DC0 V ... 0 VAnalogue control signal4-20mAPower connectionBox clamp
ETIM for RGC1P48AA42E 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)

43 A

Number of phases (EF000351)

1

Modular version (EF001126)

Yes

Switching at zero-crossing (EF011956)

No

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / RGC1P48AA42E with the required quantity to info@electricaonline.com or use 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.