

## INDUSTRIAL COMPONENT DATA

# G3PF-225B-CTB 24VDC G3PF0009B G3PF225BCTBDC24 OMRON Solid state relay 25A, 100-240VAC, with built-in current..

Brand: OMRON | Manufacturer Part Number: G3PF-225B-CTB 24VDC



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | OMRON               |
| MPN / Reference | G3PF-225B-CTB 24VDC |
| Catalog number  | G3PF225BCTBDC24     |
| Category        | Solid state relay   |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-F9570FA16B       |
| Generated       | 2026-08-04          |

## Product Overview

Solid state relay 25A, 100-240VAC, with built-in current transformer, jack-in clamp terminals, 2 alarms

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

Catalog path OMRON &gt; Solid State Relays &gt; G3PF

## Additional Product Information

ApplicationON/OFF controlMounting methodDIN rail/screwTerminal typePush-in, ScrewComplete with socketLED indicatorRated operational voltage, AC100-240 VOperating voltage range, AC75-264 VControl current max.10 mA  
Must operate voltage max.9.6 VMust release voltage min.1 VMaximum operating temperature60 °CMinimum operating temperature-20 °CIsolationPhototriacFunctionsHB/HS alarm for 1-phase heaters, HB/HS alarm for 3-phase heaters, Heater burnout detectionNumber of phases1Rated operation current Ie at AC-125 AProduct Height (unpacked)100 mmProduct Width (unpacked)45 mmProduct Depth (unpacked)117 mmSupply voltage DC9.6-26.4 VSwitching at zero-crossing ETIM for 242975 Relays (EC002055)

Feature Name

Feature Value

Voltage type for actuating (EF008242)

AC

Voltage type (operating voltage) (EF005294)

AC

Switching at zero-crossing (EF011956)

Yes

Modular version (EF001126)

No

Rated operation current  $I_e$  at AC-1 (EF006069)

25 A

Number of phases (EF000351)

1

Rated control supply voltage DC (EF003980)

9.6 V

Operating voltage AC 50 Hz (EF008206)

100 V

Operating voltage AC 60 Hz (EF008207)

100 V

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / G3PF-225B-CTB 24VDC 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

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