

INDUSTRIAL COMPONENT DATA

G3PE-245B 12-24VDC G3PE2004H G3PE245BDC1224.1 OMRON 45A 100-240vac single Phase C DIN disp. Func. Step-by-Ze..

Brand: OMRON | Manufacturer Part Number: G3PE-245B 12-24VDC



Manufacturer	OMRON
MPN / Reference	G3PE-245B 12-24VDC
Catalog number	G3PE245BDC1224.1
Category	Solid state relay
Minimum order	10 Pcs
Document ID	EO-B6EFE29328
Generated	2026-07-28

Product Overview

45A 100-240vac single Phase C DIN disp. Func. Step-by-Zero
Solid state relay, 1-pole, DIN-track mounting, 45 A, 264 VAC max

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Solid State Relays > G3PB

Additional Product Information

ApplicationON/OFF controlNumber of phases1Number of poles1Mounting methodDIN rail/screwTerminal typeScrewComplete with socketLED indicatorRated operational voltage, AC100-240 VOperating voltage range, AC75-264 VRated operation current I_e at AC-145 ARated load current Close mounting31 APermissible I²t value1260 A²sApplicable heater capacity (AC1: resistive load)9 kWProduct Height (unpacked)100 mmProduct Width (unpacked)44.5 mmProduct Depth (unpacked)100 mmSupply voltage DC12-24 VControl current max.10 mAMust operate voltage max.9.6 VMust release voltage min.1 VMaximum operating temperature80 °CMinimum operating temperature-30 °CIsolationPhototriacSwitching at zero-crossingCommunication port(s)None
ETIM for 375392 Relays (EC002055)
Feature Name
Feature Value
Voltage type (operating voltage) (EF005294)
AC

Voltage type for actuating (EF008242)

AC

Switching at zero-crossing (EF011956)

Yes

Modular version (EF001126)

No

Rated operation current I_e at AC-1 (EF006069)

45 A

Number of phases (EF000351)

1

Rated operation current I_e at AC-3 (EF006070)

45 A

Rated control supply voltage DC (EF003980)

12 V

Operating voltage AC 50 Hz (EF008206)

100 V

Operating voltage AC 60 Hz (EF008207)

100 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / G3PE-245B 12-24VDC 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.