

INDUSTRIAL COMPONENT DATA

G3PE-245B-3N 12-24VDC G3PE2040D G3PE245B3NDC1224,1 OMRON Solid State relay 45A 100-240vac 3-Phase DIN-Rail W..

Brand: OMRON | Manufacturer Part Number: G3PE-245B-3N 12-24VDC



Manufacturer	OMRON
MPN / Reference	G3PE-245B-3N 12-24VDC
Catalog number	G3PE245B3NDC1224.1
Category	Solid state relay
Minimum order	1 Pcs
Document ID	EO-ED78F594CD
Generated	2026-08-04

Product Overview

Solid State relay 45A 100-240vac 3-Phase DIN-Rail With disp.
Solid-State relay, 3-pole, DIN-track mounting, 45A, 264VAC 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

Features Omron's G3PE Compact Industrial SSR with outstanding surge endurance

The G3PE features an original surge-pass circuit that gives outstanding surge endurance and protects the semiconductor device against voltages in excess of 30kV.

Single and three phase, 15-45 A output current

100-240VAC and 200-480 VAC output voltages

Models available without zero cross

Improved surge dielectric strength for output circuits

Terminal cover with finger protection

Mount to DIN track or with screws

Ordering information

Phases

Rated voltage

(operating voltage)

Rated output load

Permissible I²t
(half 60 Hz wave)
Applicable heater capacity
AC1: resistive load)
Size in mm (H×W×D)
Number of poles
Order code
1
100 to 240 VAC
(75 to 264 VAC)
15 A (at 40°C)
121 A2s
3 kW (at 200 VAC)
100×22.5×100
1
G3PE-215B DC12-24
25 A (at 40°C)
260 A2s
5 kW (at 200 VAC)
1
G3PE-225B DC12-24
35 A
1,260 A2s
7 kW (at 200 VAC)
100×44.5×100
1
G3PE-235B DC12-24
45 A
9 kW (at 200 VAC)
1
G3PE-245B DC12-24
200 to 480 VAC
(180 to 528 VAC)
15 A (at 40°C)
128 A2s
6 kW (at 400 VAC)
100×22.5×100
1
G3PE-515B DC12-24
25 A (at 40°C)
1,350 A2s
10 kW (at 400 VAC)
1
G3PE-525B DC12-24
35 A
14 kW (at 400 VAC)
100×44.5×100

1
G3PE-535B DC12-24
45 A
6,600 A2s
18 kW (at 400 VAC)
1
G3PE-545B DC12-24
3
200 to 480 VAC
(180 to 528 VAC)
15 A (at 40°C)
260 A2s
12.5 kW (at 480 VAC)
100×80×155
3
G3PE-515B-3N DC12-24
2
G3PE-515B-2N DC12-24
25 A (at 40°C)
20.7 kW (at 480 VAC)
120×80×155
3
G3PE-525B-3N DC12-24
100×80×155
2
G3PE-525B-2N DC12-24
35...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / G3PE-245B-3N 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.