

PowerXL series

DG1 general-purpose drives



The DG1 general-purpose drives are part of the Eaton next-generation PowerXLE series of variable frequency drives specifically engineered for today's more demanding commercial and industrial applications. With an industry-leading energy efficiency algorithm, high short-circuit current rating and robust design, the DG1 offers customers increased efficiency, safety and reliability.

Features

- Graphic LCD keypad display
- Active energy control algorithm
- Real-time clock with battery backup
- On-board communications:
 - EtherNet/IP, Modbus/TCP
 - RS-485: Modbus RTU, BACnetT MS/TP
- On-board communications:
 - 8DI, 1DO
 - 2AI, 2AO
 - 2 FC relays and 1 FA relay
- 5% DC link choke
- Standard applications:
 - Standard
 - Multi-pump and fan control
 - Multi-PID
 - Multi-purpose
- Advanced configuration PC tool

Benefits

- Dual VT and CT ratings
- Easy menu navigation
- Two configurable keypad soft keys
- Conformal coated boards standard
- EMC filter standard
- Brake chopper standard (FR0–FR3)



Product Range

- 230 V to 125 hp, 312 A, 90 kW
- 480 V to 1000 hp, 1180 A, 630 kW
- 575 V to 800 hp, 820 A, 597 kW
- Open Type/IP00 or IP20 or Type 1/IP21 or Type 12/IP54 packaging



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