

POWERFLEX 40 ADJUSTABLE FREQUENCY DRIVES

Product Data Sheet

22B-D6P0N104

PowerFlex 40 AC drive

FUNCTION	FAMILY	ORIGIN	WEIGHT
PowerFlex 40 AC drive	PowerFlex 40 adjustable frequency drive	United States	2.2 kg

Allen-Bradley PowerFlex 22B-D6P0N104 is a PowerFlex 40 AC drive for the PowerFlex 40 adjustable frequency drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Catalog Number	22B-D6P0N104
Input Supply	342–528 V AC, three phase
Nominal Motor Rating	2.2 kW / 3 HP
Continuous Output Current	6.0 A
Input Apparent Power	5.9 kVA
Input Current	7.5 A
Recommended Fuse	15 A
Output Voltage	0–460 V AC, three phase
Enclosure Rating	IP20 / NEMA Type Open
Control Method	Sensorless vector or V/Hz

Integral Interface	RS-485 / DSI
Total Power Dissipation	90 W
Minimum Enclosure Volume	1655 in ³

- Control a 2.2 kW induction motor: Apply the 6.0 A PowerFlex 40 rating to a documented 380–480 V three-phase motor circuit after confirming motor current, overload duty and branch protection.
- Integrate digital and analog control signals: Restore the saved start, stop, reference, relay and DSI communication assignments while preserving the machine safety circuit.
- Validate rotation and operating current: Enter the motor nameplate data, complete autotune where approved, then test direction, acceleration, deceleration and full-load current.

Match 22B-D6P0N104 to the installed PowerFlex 40 adjustable frequency drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Allen Bradley manufacturer documentation](#)

Manufacturer official documentation

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM