



Catalog #: 20BC125A0AYNANA0
PowerFlex 700 AC Drive 20B

Lifecycle status: End of Life

Rockwell Automation announces that as of November 30, 2023, the PowerFlex 700 AC Drive 20B will be discontinued and no longer available for sale. Customers are encouraged to remove references to the affected product(s).

Discontinued Date: November 30, 2023
Replacement Category: Engineering Replacement
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Technical Specifications

Mechanical

Degree of protection (IP)	IP20
Shock	15 G peak for 11 ms duration (± 1.0 ms)
Vibration	0.152 mm (0.006 inch) displacement, 1G peak

Electrical

Number of analogue outputs	2
Mains voltage	400 V
Integrated breaking resistance	No
Number of digital inputs	6
Number of digital outputs	3
Number of analogue inputs	2
Supporting protocol for DeviceNet	Yes
Max. output frequency	400 Hz
Supporting protocol for EtherNet/IP	Yes
Line voltage, nom	400V @ 380...480V drive rating, 400V nominal motor voltage
Mains frequency	50 Hz

Efficiency	97.5% at rated amps, nominal line volts
Number of phases output	3
Number of phases input	3
Relative symmetric net voltage tolerance	10 %
With control element	Yes
Supporting protocol for LON	Yes
Supporting protocol for TCP/IP	Yes
Supporting protocol for PROFIBUS	Yes
Supporting protocol for CAN	Yes
Supporting protocol for Modbus	Yes
Input frequency tolerance	47 Hz

Environmental

Altitude	1000 m (3300 ft.) maximum without derating
Degree of protection (NEMA)	1
Operating temperature	50 °C @ 400V AC
Storage temperature	-40 °C
Relative humidity	5...95% noncondensing

