

# 20G14NC170JN0NNNNN

Allen-Bradley PowerFlex 755 VSD 400V IP20 ND 170A 90kW or HD 140A 75kW No Brake Frame 6



<b>Component type</b>	Frequency converter =< 1 kV
<b>Range</b>	PowerFlex 755
<b>Model</b>	N/A
<b>Product status</b>	Existing

Allen-Bradley PowerFlex 755 AC Drives are a simple and high-performance motor control application, providing a variety of solutions including pumps, fans, and conveyors. Featuring a standard built-in Ethernet/IP port, making it ideal for applications requiring flexibility, connectivity, control, advanced communications, hardware, and safety options.

## ELECTRICAL

Number of phases input	3
Nominal input voltage	400 V
Nominal output power AC	90 kW
Nominal output current I2N	170 A
kW rating, normal duty	90 kW
kW rating, heavy duty	70 kW
Dynamic braking transistor	No
Control characteristic	PID
EMC-version	Yes

## COMMUNICATION

Integrated motion function	No
Suitable for safety functions	Yes

## CONSTRUCTION

Contains keypad	No
Frame size	6
IP rating	IP20
Degree of protection (NEMA)	Other

## DIMENSIONS

Height	665.5 mm
Width	308 mm
Depth	346.4 mm
Weight	48 kg

## ENVIRONMENT

Operating temperature	-20...60 °C
Storage temperature	-40...70 °C

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LARGE DRIVES



Allen-Bradley

## RELATED PRODUCTS

### ACCESSORY



**Item No:** 1202C03

**Required:** No

**Description:** Allen-Bradley PowerFlex Scanprint Cable Male Male 300mm



**Item No:** 1202C10

**Required:** No

**Description:** Allen-Bradley PowerFlex Scanprint Cable Male Male 1m



**Item No:** 1202C90

**Required:** No

**Description:** Allen-Bradley PowerFlex PF 7 750 9m Extension Cable to suit 20 HIM C6S



**Item No:** 1202H03

**Required:** No

**Description:** Allen-Bradley PowerFlex Scanprint Cable Male Female 300mm



**Item No:** 1202H10

**Required:** No

**Description:** Allen-Bradley PowerFlex Scanprint Cable Male Female 1m



**Item No:** 1202H30

**Required:** No

**Description:** Allen-Bradley PowerFlex Scanprint Cable Male Female 3m



**Item No:** 1202H90

**Required:** No

**Description:** Allen-Bradley SMC-Flex 9M Extension Cable To Suit 20-HIM-C3S



**Item No:** 1203S03

**Required:** No

**Description:** Allen-Bradley PowerFlex and SMC Scanprint Splitter Cable Type



**Item No:** 1203USB

**Required:** No

**Description:** Allen-Bradley PowerFlex and SMC USB Interface for CCW Support PF Drives and SMC Soft Starters



**Item No:** 1204TFB2

**Required:** No

**Description:** Allen-Bradley PowerFlex Reflective Wave Reduction Drive Motor Terminator



**Item No:** 1769SM1

**Required:** No

**Description:** Allen-Bradley CompactLogix 1769 DPI Scanport Module



**Item No:** 1786TPS

**Required:** No

**Description:** Allen-Bradley ControlNet Media RG6 Coaxial Straight T-tap



**Item No:** 207501132C2R

**Required:** No

**Description:** Allen-Bradley PowerFlex 750 VSD 24V DC 11 Series IO Module 1AI 1AO 3DI and 2RO



**Item No:** 2075020COMM

**Required:** No

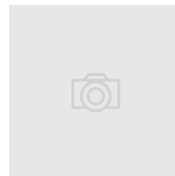
**Description:** Allen-Bradley PowerFlex 750 VSD Comm Carrier



**Item No:** 207502262C2R

**Required:** No

**Description:** Allen-Bradley PowerFlex 750 VSD 24V DC 22 Series IO Module 2AI 2AO 6DI and 2RO



**Item No:** 207502262D2R

**Required:** No

**Description:** Allen-Bradley PowerFlex 750 VSD 115V AC IO Card



**Item No:** 207502263C1R2T

**Required:** No

**Description:** Allen-Bradley PowerFlex 750 VSD 24V DC 22 Series IO Module 2AI 2AO 6DI 1RO and 2TO



**Item No:** 20750APS

**Required:** No

**Description:** Allen-Bradley PowerFlex 750 VSD 24V DC Auxiliary Power Supply Module

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LARGE DRIVES



## RELATED PRODUCTS

### ACCESSORY



**Item No:** 20750ATEX

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Thermistor Input Module Req 11 Series IO Module



**Item No:** 20750BNETIP

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD BACnet IP Communication Module



**Item No:** 20750CNETC

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Coaxial ControlNet Communication Module



**Item No:** 20750DENC1

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Dual Incremental Encoder Module



**Item No:** 20750DNET

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD DeviceNet Communication Module



**Item No:** 20750ENC1

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Incremental Encoder Module



**Item No:** 20750ENETR

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Dual Port EtherNet IP Communication Module



**Item No:** 20750FLNG4F6

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD IP20 Front IP66 Back Flange Mount Kit Frame 6



**Item No:** 20750NEMA1F6

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD IP30 Conversion Kit Frame 6



**Item No:** 20750PBUS

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Profibus DPV1 Communication Module



**Item No:** 20750PNET

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Single Port Profinet IO Communication Module



**Item No:** 20750PNET2P

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Dual Port Profinet IO Communication Module



**Item No:** 20750PTG1F6

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Power Terminal Guard Frame 6



**Item No:** 20750S

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Safe Torque Off Module



**Item No:** 20750S1

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Safe Speed Monitor Module



**Item No:** 20750S3

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Network Safe Torque Off Module



**Item No:** 20750S4

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Network Integrated Safety Functions Option



**Item No:** 20750UFB1

**Required:** No

**Description:** Allen-Bradley PowerFlex 755 VSD Universal Feedback Encoder Module

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## RELATED PRODUCTS

### ACCESSORY



**Item No:** 20COMMC

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD Coaxial ControlNet Communication Module



**Item No:** 20COMMD

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD DeviceNet Communication Module



**Item No:** 20COMME

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD Single Port EtherNet IP Communication Module



**Item No:** 20COMMH

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD RS485 HVAC to DPI Communication Adaptor



**Item No:** 20COMMM

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD Modbus TCP Communication Module



**Item No:** 20HIMA0

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD Mount Blank Plate



**Item No:** 20HIMA6

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD Mount LCD Display and Programmer



**Item No:** 20HIMB1

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD Programmer Panel Mount Bezal Kit



**Item No:** 20HIMC6S

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD Remote Panel Mount IP66 LCD Display and Programmer including 3m Cable



**Item No:** 20HIMH10

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD Remote Programmer Cable 1m



**Item No:** 20XCOMMCP1

**Required:** No

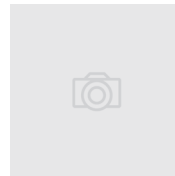
**Description:** Allen-Bradley PowerFlex VSD External DPI Comm AC Power Supply



**Item No:** 20XCOMMDCBASE

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD External Comm Kit DC Base



**Item No:** 20XCOMMIOOPT1

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD External DPI Comm IO Option 1