22FD018N114

Allen-Bradley PowerFlex 4M VSD 400V IP20 18A 7.5kW ND/HD

SMALL AND MID RANGE DRIVES



Component type	Frequency converter =< 1 kV
Range	PowerFlex 4M
Model	N/A
Product status	Existing

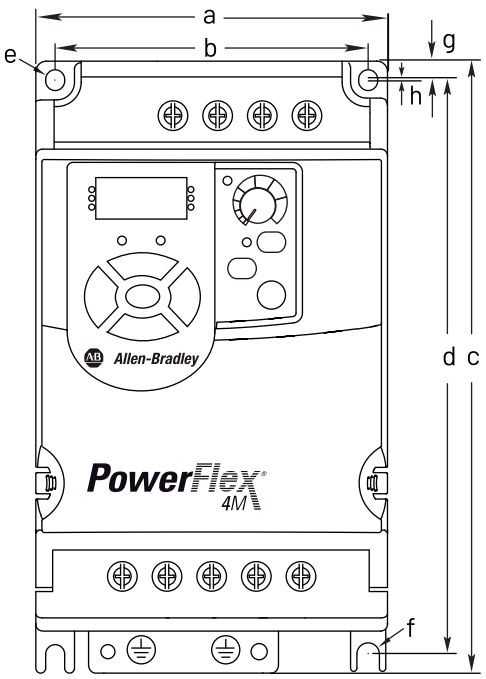
The Allen-Bradley PowerFlex® 4M AC drive is a compact and cost-effective drive. Providing application flexibility, feed-through wiring, and ease-of programming, it is ideal for motor speed control with an easy-to-use AC drive up to 11kW.

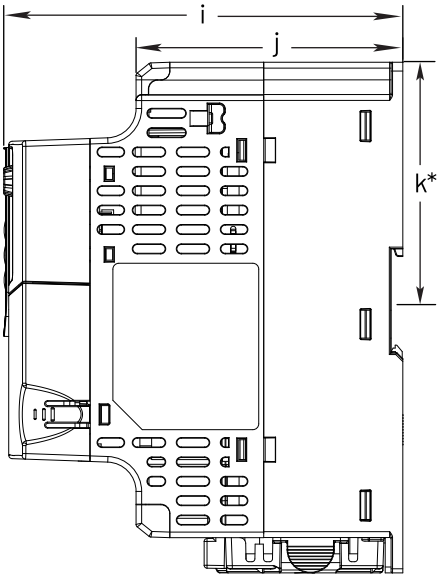
ELECTRICAL	Number of phases input	3
	Nominal input voltage	480 V
	Nominal output power AC	7.5 kW
	Nominal output current I2N	18 A
	kW rating, normal duty	7.5 kW
	kW rating, heavy duty	7.5 kW
	Dynamic braking transistor	Yes
	EMC-version	Yes
CONSTRUCTION	Suitable for safety functions	No
	Contains keypad	Yes
	Frame size	C
	IP rating	IP20

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DIMENSIONAL DIAGRAM

Dimensions are in millimeters and (inches). Weights are in kilograms and (pounds).





Note:
DIN rail mounting is not applicable to Frame C.

Frame	a	b	c	d	e	f	g	h	i	j	k	Shipping Weight
A	72.0 (2.83)	59.0 (2.32)	174.0 (6.85)	151.6 (5.97)	ø 5.4 (0.21)	ø 5.4 (0.21)	5.2 (0.20)	—	136.0 (5.35)	90.9 (3.58)	81.3 (3.20)	1.6 (3.5)
B	100 (3.94)	89.0 (3.50)	174.0 (6.85)	163.5 (6.44)	ø 5.4 (0.21)	ø 5.4 (0.21)	5.2 (0.20)	0.5 (0.02)	136.0 (5.35)	90.9 (3.58)	81.3 (3.20)	2.1 (4.6)
C	130.0 (5.12)	116.0 (4.57)	260.0 (10.24)	247.5 (9.74)	ø 5.5 (0.22)	ø 5.5 (0.22)	6.0 (0.24)	1.0 (0.04)	180.0 (7.09)	128.7 (5.07)	—	4.8 (10.6)

RELATED PRODUCTS

ACCESSORY



Item No: 1203USB
Required: No
Description: Allen-Bradley PowerFlex and SMC USB Interface for CCW Support PF Drives and SMC Soft Starters

Item No: 1585JM8TBJM1
Required: No
Description: Allen-Bradley 1585 Unshielded Ethernet Cable Hi Flex TPE 4 Pair CAT5e Teal RJ45 to RJ45 1M

Item No: 1585JM8TBJM10
Required: No
Description: Allen-Bradley 1585 Unshielded Ethernet Cable Hi Flex TPE 4 Pair CAT5e Teal RJ45 to RJ45 10M



Item No: 1585JM8TBJM2
Required: No
Description: Allen-Bradley 1585 Unshielded Ethernet Cable Hi Flex TPE 4 Pair CAT5e Teal RJ45 to RJ45 12M



Item No: 1585JM8TBJM5
Required: No
Description: Allen-Bradley 1585 Unshielded Ethernet Cable Hi Flex Tpe 4 Pair CAT5e Teal RJ45 to RJ45 5M

Item No: 1585JM8UBJM2
Required: No
Description: Allen-Bradley 1585 Shielded Ethernet Cable Hi Flex Tpe 4 Pair CAT5e Teal RJ45 to RJ45 2M



Item No: 1769SM2
Required: No
Description: Allen-Bradley CompactLogix 1769 DSI Modbus Module



Item No: 20XCOMMACPS1
Required: No
Description: Allen-Bradley PowerFlex VSD External DPI Comm AC Power Supply



Item No: 22COMMB
Required: No
Description: Allen-Bradley PowerFlex 4 VSD Class DSI BACnet



Item No: 22COMMC
Required: No
Description: Allen-Bradley PowerFlex 4 VSD PF4 Coaxial ControlNet Communication Module



Item No: 22COMMD
Required: No
Description: Allen-Bradley PowerFlex 4 VSD DeviceNet Communication Module



Item No: 22COMME
Required: No
Description: Allen-Bradley PowerFlex 4 VSD Single Port EtherNet IP Communication Module



Item No: 22COMMP
Required: No
Description: Allen-Bradley PowerFlex 4 VSD Profibus DPV1 Communication Module



Item No: 22FRF6P0AL
Required: No
Description: Allen-Bradley PowerFlex 4M VSD Line Filter 3Phase 380 to 480V 6A



Item No: 22HIMA3
Required: No
Description: Allen-Bradley PowerFlex 4 VSD Held Programmer including 1m Cable



Item No: 22HIMB1
Required: No
Description: Allen-Bradley PowerFlex 4 VSD Series Panel Mount Bezel Kit



Item No: 22HIMC2S
Required: No
Description: Allen-Bradley PowerFlex 4 VSD LCD Display Remote Mount IP66 2m Programmer Cable

Item No: 22HIMH10
Required: No
Description: Allen-Bradley PowerFlex 4/40/40P/400 VSD DSI HIM to RJ45 PT Cable 1M

RELATED PRODUCTS

ACCESSORY



Item No: 22HIMH30

Required: No

Description: Allen-Bradley PowerFlex 4/40/40P/400/520 VSD Extension Cable 2.9m to suit 22HIMA3



Item No: 22RJ45CBLC20

Required: No

Description: Allen-Bradley PowerFlex 4/4M/40/40P/400/520 VSD Cable 2m



Item No: 22XCOMMDCBASE

Required: No

Description: Allen-Bradley PowerFlex 4/4M/40/40P VSD DSI External Communication Kit for Mounting 22 Comm



Item No: AKR2120P1K2

Required: No

Description: Allen-Bradley PowerFlex 70 VSD 120 Ohm Brake Resistor



Item No: AKU0RJ45SC1

Required: No

Description: Allen-Bradley PowerFlex 4 VSD Cable Splitter RJ45 DS1



Item No: AKU0RJ45TB2P

Required: No

Description: Allen-Bradley PowerFlex Terminal Block 6 Piece Kit, RJ45, 2 x 120 Ohm Loose Terminating Resistors



Item No: AKU0RJ45TR1

Required: No

Description: Allen-Bradley PowerFlex 4 Terminal Reistor RJ45 DS1