

Drives

AF-600FP™ Fan and Pump Drive Field Installed IP21/NEMA 1 Add-On Option Kits

Section 15

IP21/NEMA 1 Add-On Option Kits

Voltage	HP Rating	kW Rating	IP21/NEMA 1 Kit Product No.	Fits AF-600FP™ IP20 Drive Product No.	
230	1	1.1	NEMA1ACA2	6KFP23001X9XXXA1	
	2	1.5	NEMA1ACA2	6KFP23002X9XXXA1	
	3	2.2	NEMA1ACA2	6KFP23003X9XXXA1	
	5	3.7	NEMA1ACA3	6KFP23005X9XXXA1	
	7.5	5.5	NEMA1ACB3	6KFP23007X9XXXA1	
	10	7.5	NEMA1ACB3	6KFP23010X9XXXA1	
	15	11	NEMA1ACB3	6KFP23015X9XXXA1	
	20	15	NEMA1ACB4	6KFP23020X9XXXA1	
	25	18.5	NEMA1ACB4	6KFP23025X9XXXA1	
	30	22	NEMA1ACC3	6KFP23030X9XXXA1	
	40	30	NEMA1ACC3	6KFP23040X9XXXA1	
	50	37	NEMA1ACC4	6KFP23050X9XXXA1	
	60	45	NEMA1ACC4	6KFP23060X9XXXA1	
	460	1	1.1	NEMA1ACA2	6KFP43001X9XXXA1
		2	1.5	NEMA1ACA2	6KFP43002X9XXXA1
3		2.2	NEMA1ACA2	6KFP43003X9XXXA1	
5		3.7	NEMA1ACA2	6KFP43005X9XXXA1	
7.5		5.5	NEMA1ACA3	6KFP43007X9XXXA1	
10		7.5	NEMA1ACA3	6KFP43010X9XXXA1	
15		11	NEMA1ACB3	6KFP43015X9XXXA1	
20		15	NEMA1ACB3	6KFP43020X9XXXA1	
25		18.5	NEMA1ACB3	6KFP43025X9XXXA1	
30		22	NEMA1ACB4	6KFP43030X9XXXA1	
40		30	NEMA1ACB4	6KFP43040X9XXXA1	
50		37	NEMA1ACB4	6KFP43050X9XXXA1	
60		45	NEMA1ACC3	6KFP43060X9XXXA1	
75		55	NEMA1ACC3	6KFP43075X9XXXA1	
100		75	NEMA1ACC4	6KFP43100X9XXXA1	
125	90	NEMA1ACC4	6KFP43125X9XXXA1		
575	1	1.1	NEMA1ACA3	6KFP53001X9XXXA1	
	2	1.5	NEMA1ACA3	6KFP53002X9XXXA1	
	3	2.2	NEMA1ACA3	6KFP53003X9XXXA1	
	5	3.7	NEMA1ACA3	6KFP53005X9XXXA1	
	7.5	5.5	NEMA1ACA3	6KFP53007X9XXXA1	
	10	7.5	NEMA1ACA3	6KFP53010X9XXXA1	
	15	11	NEMA1ACB3	6KFP53015X9XXXA1	
	20	15	NEMA1ACB3	6KFP53020X9XXXA1	
	25	18.5	NEMA1ACB3	6KFP53025X9XXXA1	
	30	22	NEMA1ACB4	6KFP53030X9XXXA1	
	40	30	NEMA1ACB4	6KFP53040X9XXXA1	
	50	37	NEMA1ACB4	6KFP53050X9XXXA1	
	60	45	NEMA1ACC3	6KFP53060X9XXXA1	
	75	55	NEMA1ACC3	6KFP53075X9XXXA1	
	100	75	NEMA1ACC4	6KFP53100X9XXXA1	
125	90	NEMA1ACC4	6KFP53125X9XXXA1		



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AF-600FP™ Fan and Pump Drive

Options and Accessories

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Remote Mounting Kit for graphical LCD Keypad

Remote Mounting Kit for mounting graphical LCD Keypad on enclosure door. Kit includes gasket, mounting brackets, and cable. Keypad is rated IP65.

Description	Product Number
Remote Mounting Kit for graphical LCD Keypad	RMKYPDAC
Remote Mounting Kit without cable	OPCRMKNC



Remote Mounting Kit

Profibus DP Communications Module

Profibus DP internal drive mounted module for use on AF-650GP™ and AF-600FP™ drives. Supports Profibus DP V1 communications networks.

Description	Product Number
Profibus DP Communications Module	OPCPDP



Profibus DP Communications Module

DeviceNet Communications Module

DeviceNet internal drive mounted module for use on AF-650GP™ and AF-600FP™ drives. ODVA certified device.

Description	Product Number
DeviceNet Communications Module	OPCDEV



DeviceNet Communications Module

Ethernet IP Communications Module¹

Ethernet IP internal drive mounted module for use on AF-650GP™ and AF-600FP™ drives. ODVA certified device. Features 2-Port built-in switch. Also includes webserver and email notification.

Description	Product Number
Ethernet/IP Communications Module	OPCEIP

¹Requires I/O and network slots and cannot be used with any other network or I/O modules.

Modbus TCP Communications Module

Modbus TCP internal drive mounted module for use on AF-650GP™ and AF-600FP™ drives.

Description	Product Number
Modbus TCP Communications Module	OPCMBTCP

ProfiNet RT Communications Module

ProfiNet RT internal drive mounted module for use on AF-650GP™ and AF-600FP™ drives.

Description	Product Number
ProfiNet RT Communications Module	OPCPRT

LonWorks Communications Module

LonWorks internal drive mounted module for use on AF-600FP™ drives only. Supports LonWorks building automation communications networks.

Description	Product Number
LonWorks Communications Module	OPCLON

BacNet Communications Module

BacNet internal drive mounted module for use on AF-600FP™ drives only. Supports BacNet MSTP building automation communications networks.

Description	Product Number
BacNet Communications Module	OPCBAC



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Options and Accessories

Relay Output Module

Relay Output internal drive mounted module for use on the AF-650GP™ and AF-600FP™ drives. Module adds (3) Form C relay outputs to the drive. Relays are rated at 2A at 240V resistive load.

Description	Product Number
Relay Output Module	OPCRLY



Relay Output Module

Analog I/O Module

Analog I/O internal drive mounted module for use on the AF-600FP™ drive only. Module Includes:

- 3) Analog Inputs 0-10V, 0/4-20mA
- 3) Analog Outputs 0-10V
- Battery Back-Up power for AF-600FP™'s internal Real Time Clock

Description	Product Number
Analog I/O Module	OPCAIO



Analog I/O Module

24V DC External Supply Module

24V DC External Supply internal drive mounted module for use on the AF-650GP™ and AF-600FP™ drives. This module accepts an external 24V DC supply which is used to keep the control board of the drive and other option modules powered in the event of a Line side power outage. Can be used with Communications and I/O Modules.

Description	Product Number
24V DC External Supply Module	OPC24VPS



24V DC External Supply Module

General Purpose I/O Module

General Purpose I/O internal drive mounted module for use on AF-650GP™ and AF-600FP™ drives. Module includes:

- 3) 24V Digital Inputs
- 2) PNP/NPN Digital Outputs
- 2) 0-10V Analog Inputs
- 1) 0/4-20mA Analog Output

Description	Product Number
General Purpose I/O Module	OPCGPIO



General Purpose I/O Module

Screw Terminal Accessory

Screw Terminal Accessory is available for field installation on AF-650GP™ and AF-600FP™ drives. These screw terminals can replace the cage clamp terminals which ship with each drive. This set of three terminals are for the digital inputs, analog I/O, and RS485 connection.

Description	Product Number
Screw Terminal Accessory	OPCTERM

Pedestal Kit

Pedestal Kit allows Unit Size 41 and 42 drives (NEMA 1 and 12, 150HP to 350/400HP at 460V/575V AF-600 FP and 125HP to 300/400HP at 460/690V AF-650 GP) to be floor mounted.

Description	Product Number
Pedestal Kit	OPC4XPED



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USB Kit

This kit allows for the USB programming terminal to be brought out to the front cover of the drive. Works with all drive types.

Description	Product Number
For all drives up to Unit Size 5X	OPCUSB
For all Unit Size 6X drives	OPCUSB6X

Power Shields

These shields are used to cover the drive power terminals on NEMA 1 and NEMA 12 drive types.

Description	Product Number
For Unit Size 41 and 42 drives	OPCCOVER4142
For Unit Size 51 drives	OPCCOVER51

