

Drives

AF-60LP™ Micro Drive Options, Accessories and Replacement Parts

Remote Mounting Kit for Keypad

Remote Mounting kit for mounting keypad on enclosure doors. Kit includes gasket, mounting brackets, and cable. Keypad is rated IP21.

Description	Product No.
Remote Mounting Kit for Keypad	RMKYPDACLP1



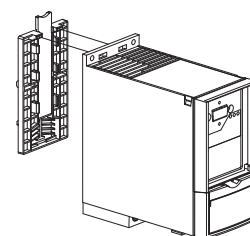
Remote Mounting Kit for Keypad

DIN Rail Mounting Kit for 1HP and below drives

This adapter can be used to mount AF-60LP™ Micro Drives at 1HP and below to 35mm DIN Rail.

Description	Product No.
DIN Rail Mounting Kit for unit size M1 and M2 ¹	RMACL P1

¹M2 drives manufactured after July 2009.



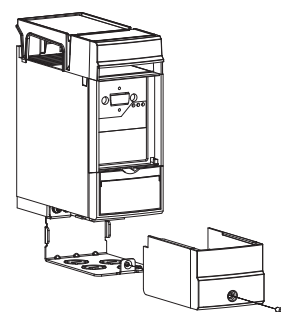
DIN Rail Mounting Kit for 1HP and below drives

NEMA 1 Kit

This kit can be mounted to the IP 20 protected AF-60LP™ Micro Drives to provide NEMA Type 1 protection.

Description	Product No.
NEMA 1 Kit for 1HP and below drives	NEMA1ACL P1
NEMA 1 Kit for 2HP at 230V/3HP at 460V and below drives	NEMA1ACL P2
NEMA 1 Kit for 3HP at 230V/5HP at 460V and above drives	NEMA1ACL P3
NEMA 1 Kit for 15HP and 20HP at 460V drives	NEMA1ACL P4 ²
NEMA 1 Kit for 25HP and 30HP at 460V drives	NEMA1ACL P5 ²

²Please note that these NEMA 1 Kits only include bottom cover.

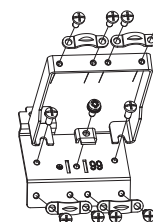


NEMA 1 Kit

De-Coupling Plate Kit

For EMC applications and strain relief for drive wiring.

Description	Product No.
De-Coupling Plate Kit for 2HP at 230V/3HP at 460V and below drives	DEPLTACL P1
De-Coupling Plate Kit for 3HP at 230V/5HP at 460V and above drives	DEPLTACL P2
De-Coupling Plate Kit for 15HP at 460V and above drives	DEPLTACL P3



De-Coupling Plate Kit

Replacement AF-60LP™ Keypad with Potentiometer

LCD Keypad with potentiometer for the AF-60LP™ Micro Drive. Keypad is removable under power and includes copycat feature to program multiple drives. Includes hand-off-auto keys for local control of drive and large parameter and operational data display. Menu key selects between drive status, quick menu, and main menu. LED indicators for Alarms, Warnings, and Power are also included on each keypad. Keypad dimensions are: 3.35 H x 2.56 W x 1.1 D w/pot in inches.

Description	Product No.
Replacement AF-60LP™ Keypad with Potentiometer:	KYPDACL P1



Replacement AF-60LP™ Keypad with Potentiometer



Drives

AF-60LP™ Micro Drive

Dynamic Braking Resistors

Dynamic Braking allows for faster deceleration rates than could be achieved via a coast to stop. Dynamic braking consists of the internal drive brake chopper and separate add-on dynamic braking resistors.

Important application notes:

- The AF-60LP™ Micro Drive dynamic braking can be used for stopping a load with an inertia equal to or less than the applied motor's rotor inertia.
- High inertia or overhauling loads may cause extended deceleration times which could cause overheating and tripping of the drive.
- The dynamic braking is not a holding brake. It does not prevent a motor at rest from rotating.

Note: Refer to the drives' Operating Instruction for installation and connection details.

230 Vac

Nominal Applied Motor HP	Max. Braking Torque (%)	Brake Chopper	Recommended Dynamic Braking Resistor		Qty. Required	Total Ohms	Total kW	
			10% Duty Cycle	40% Duty Cycle			10% Duty Cycle	40% Duty Cycle
			Product Number	Product Number				
1/4	—	N/A	—	—	—	—	—	—
1/2	—	N/A	—	—	—	—	—	—
1	—	N/A	—	—	—	—	—	—
2	150	Built-in	DB2104TBNC	DB2404TBNC	1	65	0.25	0.8
3	150	Built-in	DB2105TBNC	DB2405TBNC	1	50	0.285	1
5	150	Built-in	DB2106TBNC	DB2406TBNC	1	25	0.8	3

460 Vac

Nominal Applied Motor HP	Max. Braking Torque (%)	Brake Chopper	Recommended Dynamic Braking Resistor		Qty. Required	Total Ohms	Total kW	
			10% Duty Cycle	40% Duty Cycle			10% Duty Cycle	40% Duty Cycle
			Product Number	Product Number				
1/2	—	N/A	—	—	—	—	—	—
1	—	N/A	—	—	—	—	—	—
2	150	Built-in	DB4103TBNC	DB4403TBNC	1	310	0.25	0.8
3	150	Built-in	DB4104TBNC	DB4404TBNC	1	210	0.285	1.35
5	150	Built-in	DB4105TBNC	DB4405TBNC	1	110	0.6	2.4
7.5	150	Built-in	DB4106TBNC	DB4406TBNC	1	80	0.85	3
10	150	Built-in	DB4107TBNC	DB4407TBNC	1	65	1	4.5

