

HV600 Options

UL Type 1 End Cap Kits

This option consists of a top and bottom cover to convert a protected IP20/Protected Chassis drive to a IP20/UL Type 1 enclosed unit. This option does not provide additional space for mounting auxiliary components, for example circuit breakers, input fuses, or reactors.

Rated Input Voltage	Drive Model Number HV60U. . . .	Part Number
208 to 240 V 3-Phase	2211CBA	900-192-121-009
	2273CBA	
480 V 3-Phase	4180CBA	900-192-121-009
	4240CBA	
	4302CBA	900-192-121-010

External Heatsink Kits

External heatsink kits allow drives to be mounted with the drive's heat sink external to the enclosure. Option kit for customer mounting. Available in either UL Type 1 or UL Type 12.

Table 7: UL Type 1 External Heatsink Kits for 200 to 240 V Models

Rated Input Voltage	Drive Model Number HV60U. . . .	Part Number
200 to 240 V 3-Phase	2011	ZPSA-600-EH1-FR1
	2017	
	2024	
	2031	ZPSA-600-EH1-FR2
	2046	
	2059	ZPSA-600-EH1-FR3
	2075	
	2088	ZPSA-600-EH1-FR4
	2114	
	2143	Contact Factory
	2169	
	2211	
	2273	

Table 8: UL Type 1 External Heatsink Kits for 480 V Models

Rated Input Voltage	Drive Model Number HV60U. . . .	Part Number
480 V 3-Phase	4005	ZPSA-600-EH1-FR1
	4008	
	4011	
	4014	
	4021	ZPSA-600-EH1-FR2
	4027	
	4034	
	4040	ZPSA-600-EH1-FR3
	4052	
	4065	
	4077	ZPSA-600-EH1-FR4
	4096	
	4124	
	4156	Contact Factory
	4180	
4240		
4302		

Table 9: UL Type 12 External Heatsink Kits for 200 to 240 V Models

Rated Input Voltage	Drive Model Number HV60U. . . .	Part Number
200 to 240 V 3-Phase	2011	ZPSD-600-EH12-FR1
	2017	
	2024	ZPSD-600-EH12-FR2
	2031	
	2046	ZPSD-600-EH12-FR3
	2059	
	2075	ZPSD-600-EH12-FR4
	2088	
	2114	
	2143	ZPSD-600-EH12-FR6
	2169	
	2211	ZPSD-600-EH12-FR9
	2273	

Table 10: UL Type 12 External Heatsink Kits for 380 to 480 V Models

Rated Input Voltage	Drive Model Number HV60U. . .	Part Number
380 to 480 V 3-Phase	4005	ZPSD-600-EH12-FR1
	4008	
	4011	
	4014	
	4021	ZPSD-600-EH12-FR2
	4027	
	4034	
	4040	ZPSD-600-EH12-FR3
	4052	
	4065	
	4077	ZPSD-600-EH12-FR4
	4096	
	4124	
	4156	ZPSD-600-EH12-FR6
	4180	ZPSD-600-EH12-FR9
	4240	ZPSD-600-EH12-FR10
4302		

Control Options



Control Options - These cards and devices add control functionality to the standard drive. Items are shipped loose, unmounted.

Additional Information
Network Communications

Table 11: Network Communications

Part Number	Description
SI-EN3	EtherNet/IP
SI-EN3D	EtherNet/IP dual port
JOHB-SMP3-MA	BACnet/IP dual port (Multi-Protocol Ethernet Card) - Protocol set via DIP switches.
SI-EM3	Modbus TCP/IP
SI-EM3D	Modbus TCP/IP dual port
SI-W3	LonWorks

Keypads, Accessories, and Cables

Additional Information
Keypads and Cables

Table 12: Keypads and DriveWizard Mobile

Part Number	Description
JVOP-KPLCB04AEB	LCD Keypad
JVOP-KPLCD04ABB	Bluetooth® LCD Keypad



LCD Keypad



Bluetooth® LCD Keypad

The Bluetooth® Enabled Keypad provides a wireless connection to your smartphone or tablet. Start-up, adjust, and monitor Yaskawa's new AC drives with your smartphone or tablet. Use DriveWizard® Mobile to backup, store, and retrieve your drive settings locally or to your personal Yaskawa Drive Cloud™ account. DriveWizard Mobile is the mobile app version of Yaskawa's DriveWizard® PC Tools.

DriveWizard Mobile <https://www.yaskawa.com/dwm>

