

Product Selection

DH1 Series Drives—208–240 Volt

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PowerXL Series—DH1

Type 1/IP21



Frame Size	Variable Torque (VT) / Low Overload (I _L)			Catalog Number
	230 V, 50 Hz kW Rating	230 V, 60 Hz hp	Current A	
FR0	0.75	1	4.8	DH1-324D8EB-C20C ①
	1.1	1.5	6.6	DH1-326D6EB-C20C ①
	1.5	2	7.8	DH1-327D8EB-C20C ①
FR1	0.75	1	4.8	DH1-324D8DN-C21C
	1.1	1.5	6.6	DH1-326D6DN-C21C
	1.5	2	7.8	DH1-327D8DN-C21C
	2.2	3	11	DH1-32011DN-C21C
	3	—	12.5	DH1-32012DN-C21C
FR2	3.7	5	17.5	DH1-32017DN-C21C
	5.5	7.5	25	DH1-32025DN-C21C
	7.5	10	31	DH1-32031DN-C21C
FR3	11	15	48	DH1-32048DN-C21C
	15	20	61	DH1-32061DN-C21C
FR4	18.5	25	75	DH1-32075DN-C21C
	22	30	88	DH1-32088DN-C21C
	30	40	114	DH1-32114DN-C21C
FR5	37	50	143	DH1-32143DN-C21C
	45	60	170	DH1-32170DN-C21C
	55	75	211	DH1-32211DN-C21C
FR6	75	100	261	DH1-32261FN-C21C
	90	125	312	DH1-32312FN-C21C

PowerXL Series—DH1

Type 12/IP54



Frame Size	Variable Torque (VT) / Low Overload (I _L)			Catalog Number
	230 V, 50 Hz kW Rating	230 V, 60 Hz hp	Current A	
FR1	0.75	1	4.8	DH1-324D8DN-C54C
	1.1	1.5	6.6	DH1-326D6DN-C54C
	1.5	2	7.8	DH1-327D8DN-C54C
	2.2	3	11	DH1-32011DN-C54C
	3	—	12.5	DH1-32012DN-C54C
FR2	3.7	5	17.5	DH1-32017DN-C54C
	5.5	7.5	25	DH1-32025DN-C54C
	7.5	10	31	DH1-32031DN-C54C
FR3	11	15	48	DH1-32048DN-C54C
	15	20	61	DH1-32061DN-C54C
FR4	18.5	25	75	DH1-32075DN-C54C
	22	30	88	DH1-32088DN-C54C
	30	40	114	DH1-32114DN-C54C
FR5	37	50	143	DH1-32143DN-C54C
	45	60	170	DH1-32170DN-C54C
	55	75	211	DH1-32211DN-C54C
FR6	75	100	261	DH1-32261FN-C54C
	90	125	312	DH1-32312FN-C54C

Note

① IP20 FR0 will be available in June 2018.

Accessories

The PowerXL Series—DH1 drives can accommodate a wide selection of expander and adapter option boards to customize the drive for your application needs. The drive's control unit is designed to accept a total of two additional option boards.

The PowerXL Series—DH1 drives come with a factory-installed standard board configuration including the following:

- Standard I/O:
 - 8DI, 1DO
 - 2AI, 2AO
 - 2FC, 1FA relays
- Standard communications:
 - BACnet MS/TP, BACnet/IP
 - Modbus TCP, Modbus RTU

PowerXL Series—DH1 I/O Card Kits

Description	Catalog Number
3 x DI, 3 x DO, 1 x thermistor, 24 Vdc/EXT option card	DXG-EXT-3DI3DO1T
1 x AI, 2 x AO (isolated to control board) option card	DXG-EXT-1AI2AO
3 x relay dry contact (2NO + 1NO/NC) option card	DXG-EXT-3RO
3 x PT100 RTD thermistor input option card	DXG-EXT-THER1
6 x DI 240 Vac input option card	DXG-EXT-6DI

PowerXL Series—DH1 Communication Card Kits

Description	Catalog Number
PROFIBUS-DP communication card	DXG-NET-PROFB
PROFIBUS DB9 to 5-pin adapter card	DXG-NET-PROAD

PowerXL Series—DH1 Keypad Kits

Description	Catalog Number
Standard keypad	DXH-KEY-LCD
Remote keypad kit (IP 54 rated keypad holder and 3 m cable)	DXG-KEY-RMTKIT
1 m remote keypad cable	DXG-CBL-1M0
3 m remote keypad cable	DXG-CBL-3M0
Remote keypad mounting holder only	DXG-KEY-HOLDER
Type 12/IP54 keypad hole plug (maintain rating without keypad)	DXG-KEY-N12PLUG

PowerXL Series—DH1 Conversion and Flange Kits

The Type 12/IP54 option kit is used to convert a Type 1/IP21 to a Type 12/IP54 drive. The kit includes cover, fan and grommets.

Type 12/IP54 Conversion Kits ^①

Description	Catalog Number
Frame 1 230 V Type 12/IP54 kit	DXH-ACC-2FR1N12KIT
Frame 1 480 V Type 12/IP54 kit	DXH-ACC-4FR1N12KIT
Frame 2 Type 12/IP54 kit	DXH-ACC-FR2N12KIT

The flange kit is used when the power section heat sink is mounted through the back panel of an enclosure. The kit includes hardware, top flange plate, bottom flange plate and two side flange plates.

Flange Kits

Description	Catalog Number
Frame 1 flange kit Type 12/IP54	DXG-ACC-FR1N12FK
Frame 2 flange kit Type 12/IP54	DXG-ACC-FR2N12FK
Frame 3 flange kit Type 12/IP54	DXG-ACC-FR3N12FK
Frame 4 flange kit Type 12/IP54	DXG-ACC-FR4N12FK
Frame 5 flange kit Type 12/IP54	DXG-ACC-FR5N12FK
Frame 6 flange kit Type 12/IP54	DXG-ACC-FR6N12FK

PowerXL Series—DH1 Demo Unit

Demo Unit

Description	Catalog Number
DH1 control module demo stand	DH1-DEMO1

Note

^① NEMA 12 DH1 drives from W34 are available within 3 business days.