



VFD Cross Reference Guide For DRIVES RATED 75C

Voltage*	HP	kW	Sizes	Classic VFD P/N	Classic w/ Signal Pair P/N	2kV VFD P/N	CSA VFD P/N	LSZH VFD P/N	Thermoset LSZH VFD w/ Marine Approvals P/N
230V 3Ø	.25 to 1HP	0.75	16	29500	29510	-	-	29500T	29500X
	5	3.7	14	29501	29511	29536	29550C	29501T	29501X
			12	29502	29512	29537	29551C	29502T	29502X
	7.5	5.6	12	29502	29512	29537	29551C	29502T	29502X
	10	7.5	10	29503	29513	29538	29552C	29503T	29503X
	15	11.2	8	29504	-	29539	29553C	29504T	29504X
	20	14.9	6	29505	-	29540	29554C	29505T	29505X
	25	18.6	4	29506	-	29541	29555C	29506T	29506X
	40	29.8	2	29507	-	29542	29556C	29507T	29507X
			1	29528	-	29543	29557C	29528T	29528X
	50	37.3	1/0	29529	-	29544	29558C	29529T	29529X
	60	44.7	2/0	29530	-	29545	29559C	29530T	29530X
			3/0	29531	-	29546	29560C	29531T	29531X
	75	55.9	4/0	29532	-	29547	29561C	29532T	29532X
			250 MCM	-	-	29533	29533	-	-
	100	74.6	350 MCM	-	-	29534	29534	-	-
	125	93.2	500 MCM	-	-	29535	29535	-	-
460V 3Ø	2	1.5	16	29500	29510	-	-	29500T	29500X
	10	7.5	14	29501	29511	29536	29550C	29501T	29501X
	10	7.5	12	29502	29512	29537	29551C	29502T	29502X
	20	14.9	10	29503	-	29538	29552C	29503T	29503X
	30	22.4	8	29504	-	29539	29553C	29504T	29504X
	40	29.8	6	29505	-	29540	29554C	29505T	29505X
	50	37.3	4	29506	-	29541	29555C	29506T	29506X
	60	45	2	29507	-	29542	29556C	29507T	29507X
	75	55.9	1	29528	-	29543	29557C	29528T	29528X
	75	55.9	1/0	29529	-	29544	29558C	29529T	29529X
	100	74.6	2/0	29530	-	29545	29559C	29530T	29530X
	125	93.2	3/0	29531	-	29546	29560C	29531T	29531X
	150	111.9	4/0	29532	-	29547	29561C	29532T	29532X
	150	111.9	250 MCM	-	-	29533	29533	-	-
	200	149.1	350 MCM	-	-	29534	29534	-	-
	250	186.4	500 MCM	-	-	29535	29535	-	-
575V 3Ø	3	2.2	16	29500	29510	-	-	29500T	29500X
	10	7.5	14	29501	29511	29536	29550C	29501T	29501X
	15	11.2	12	29502	29512	29537	29551C	29502T	29502X
	20	14.9	12	29502	29512	29537	29551C	29502T	29502X
	25	18.6	10	29503	29513	29538	29552C	29503T	29503X
	30	22.4	8	29504	-	29539	29553C	29504T	29504X
	50	37.3	6	29505	-	29540	29554C	29505T	29505X
	60	44.7	4	29506	-	29541	29555C	29506T	29506X
	75	55.9	2	29507	-	29542	29556C	29507T	29507X
	100	74.9	1	29528	-	29543	29557C	29528T	29528X
575V 3Ø	100	74.6	1/0	29529	-	29544	29558C	29529T	29529X
	125	93.2	2/0	29530	-	29545	29559C	29530T	29530X
	150	111.9	3/0	29531	-	29546	29560C	29531T	29531X
	150	111.9	4/0	29532	-	29547	29561C	29532T	29532X
	200	149.1	250 MCM	-	-	29533	29533	-	-
	250	186.4	350 MCM	-	-	29534	29534	-	-
	300	223.8	500 MCM	-	-	29535	29535	-	-

NOTE: Though all the cables listed are rated at 90C This chart is based on the 75C ratings from NEC Table 310.15(B)(16) representing the typical connected equipment limit. Other limits or conditions may effect the cable ampacity.

(*) Values based on typical Full-Load Current (FLC) ratings of three-phase AC motors as published in NEC Table 430.250 (2011) multiplied by 125% per NEC article 430-22 (A) (2011). The ampacity ratings of the cables are based on NEC Table 310.15(B)(16) (2011). The VFD w/Signal ampacity values were de-rated to 80% per NEC Table 310.15 (B)(2)(a) (2011) due to the increased number of current-carrying conductors included in these cable(s).

NEC ampacity interpretations subject to user's local authority having jurisdiction.

(*) Values based on typical Full-Load Current (FLC) ratings of three-phase AC motors as published in CEC Table 44 (2012) multiplied by 125% per CEC Section 28-112 (2012). The ampacity ratings of the cables are based on CEC Table 2 (2012). The VFD w/Signal ampacity values were de-rated to 80% per CEC Table 5C (2012) due to the increased number of current-carrying conductors included in these cable(s).

CEC ampacity interpretations subject to user's local authority having jurisdiction.



VFD Suppliers

VFD Supplier	VFD Name	VFD Supplier	VFD Name	VFD Supplier	VFD Name
ABB/Baldor	AC S	Eaton/ Cutler-Hammer	CFX	Rockwell/A-B	PowerFlex®
	ACH 501 (480 VAC, 208/230 VAC)		CPX		1336
	ACH550		H-Max		1305
	ACS 6000c		HVX	Schneider	Altivar®
	ACQ		LCX		E-flex™
	Cascade		M-Max		M-Flex™
	Cyclo (Analog)		MOV		PowerGard™
	Cyclo (PSR)		NFX		S-Flex™
	MEGADRIVE-LCI		SC 9000	Siemens	MICROMASTER
	MEGASTAR A		SLX		SINAMICS
	SAMI MEGASTAR (W)		SPX		SED2
	TYRAK-LCI		SVX		VBA
Danfoss	VS1SP	Mitsubishi	A500 Series	Weg	CFW
	VS1GV		A700 Series		EDP
	VS1PM		A701 Series		MVW
			D700 Series	Yaskawa	A1000
	AHF		E500 Series		AC7
	VLT® 12-Pulse		E700 Series		E7
	VLT® 2800		E700SC Series		F7
	VLT® 2800		F700Series		G5HHP
	VLT® AQUA FC 200		S500 Series		G7
	VLT® FC 100	Omron	V500 Drives		J1000
	VLT® FC 300		3G3JX		P1000
	VLT® High Power		3G3MX2		P7
	VLT® Low Harmonic		3G3RX		V1000
	VLT® Micro				VS mini
					Z1000

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