

USAD DIGITAL DRIVES - NEMA 4X / IP65

The USAD Digital drives are a member of the ACCU-SERIES family of variable speed products. The USAD Series of Digital Adjustable Frequency Drives consist of fourteen inverter models rated for 1-5 horsepower motors. These drives are housed in heavy duty NEMA 4X / IP65 die-cast aluminum washdown/watertight enclosures for indoor or outdoor use.

Voltage and Power Range:

- 1-Phase, 115 VAC Input
3-Phase, 0 - 208/230 VAC Output
0.5 - 1.5 HP
- 1-Phase, 208/230 VAC Input
3-Phase, 0 - 208/230 VAC Output
0.5 - 2.0 HP
- 3-Phase, 208/230 VAC Input
3-Phase, 0 - 208/230 VAC Output
3 - 5 HP
- 3-Phase, 400/460 VAC Input
3-Phase, 0 - 400/460 VAC Output
1 - 5 HP



NEMA 4X / IP65, 1-Phase and 3-Phase Input, 3-Phase Output

Motor Voltage	Nominal Motor HP	AC Line Voltage (50/60 Hz)	Max. Load Current (Amps/Phase)	Phase (Ø) Input	Catalog Number	Voltage Range (Volts AC)	Dimensions (in) HxWxD	Approx. Weight (lbs)	List Price	Discount Symbol		
115-208/230 VAC	1	115	3.6	1	USAD24P	115-230	9.5x5.5x5.9	6.2	\$540	DS-5EV		
		208/230			USAD24PW*	115-230						
	1.5	1	115	5.5	1	USAD27D	0-208/230	9.8 x 7.55 x 7.25	13	\$760	DS-5EV	
			208/230			USAD27DW*	0-208/230					
		2	1	115	5.5	1	USAD27DW*	0-208/230	9.8 x 7.55 x 7.25	13	\$788	DS-5EV
				208/230								
208/230 VAC	3	208/230	9.0	1	USAD291P	0-208/230	9.8 x 7.55 x 7.25	12	\$790	DS-5EV		
					USAD291PW*	0-208/230						
	2	208/230	6.7	1	USAD29	0-208/230	9.8 x 7.55 x 7.25	13	\$765	DS-5EV		
											3	9.0
	2	208/230	6.7	1	USAD29W*	0-208/230	9.8 x 7.55 x 7.25	13	\$788	DS-5EV		
											3	9.0

*FDA approved finish (white cases only).

NEMA 4X / IP65, 3-Phase Input, 3-Phase Output

Motor Voltage	Nominal Motor HP	AC Line Voltage (50/60 Hz)	Max. Load Current (Amps/Phase)	Phase (Ø) Input	Catalog Number	Voltage Range (Volts AC)	Dimensions (in) HxWxD	Approx. Weight (lbs)	List Price	Discount Symbol
400/460 VAC	1	400/460	2.0	3	USAD42	0-400/460**	9.53 x 5.51 x 5.86	5.9	\$625	DS-5EV
	1	400/460	2.0	3	USAD42W*	0-400/460**	9.53 x 5.51 x 5.86	5.9	\$646	DS-5EV
	3	400/460	5.5	3	USAD45	0-400/460**	9.8 x 7.55 x 7.25	13	\$795	DS-5EV
	3	400/460	5.5	3	USAD45W*	0-400/460**	9.8 x 7.55 x 7.25	13	\$817	DS-5EV
	5	400/460	8.3	3	USAD48	0-400/460**	9.8 x 7.55 x 7.25	13	\$830	DS-5EV
	5	400/460	8.3	3	USAD48W*	0-400/460**	9.8 x 7.55 x 7.25	13	\$852	DS-5EV

*FDA approved finish (white cases only).

**400/460 VAC models are 0-400 Volts AC for 50 Hz motor operation and 0-460 Volts AC for 60 Hz motor operation.