

# Selection Tables

HPS Sentinel H  
Energy Efficient Harmonic Mitigation



## ALUMINUM WOUND, SHIELDED, THREE PHASE -30° PHASE SHIFT



480Y Delta Primary Volts                      208Y/120 Secondary Volts                      60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	SH3U0015KB3S	DH1	21.5	20.13	22.0	260	F or W/C	SCD62
30	SH3U0030KB3S	DH2	25.75	23.75	28.75	400	F or W/C	SCD62
45	SH3U0045KB3S	DH2	25.75	23.75	28.75	480	F or W/C	SCD62
75	SH3U0075KB3S	DH3	28.25	27.0	36.0	690	F (Opt W/C)	SCD62
112.5	SH3U0112KB3S	DH3	28.25	27.0	36.0	930	F (Opt W/C)	SCD62
150	SH3U0150KB3S	DH4	31.5	29.5	44.5	1220	F	SCD62
225	SH3U0225KB3S	DH5	38.0	34.0	52.0	1800	F	SCD67
300	SH3U0300KB3S	DH5	38.0	34.0	52.0	2250	F	SCD64
500	SH3U0500KB3S	DH6	49.0	42.0	64.0	3800	F	SCD64
750	SH3U0750KB3S	DH7	54.0	47.0	72.0	5100	F	SCD65
1000	SH3U1000KB3S	DH8	60.0	50.0	82.0	6300	F	SCD65

W/C: Built-in Wall Ceiling Mounting    Opt W/C: Wall Ceiling Mounting Kit "DW3" Available    OSHPD Certified for Floor Mounting Only

600Y Delta Primary Volts                      208Y/120 Secondary Volts                      60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	SH3U0015PB3S	DH1	21.5	20.13	22.0	260	F or W/C	SCD62
30	SH3U0030PB3S	DH2	25.75	23.75	28.75	400	F or W/C	SCD62
45	SH3U0045PB3S	DH2	25.75	23.75	28.75	480	F or W/C	SCD62
75	SH3U0075PB3S	DH3	28.25	27.0	36.0	690	F (Opt W/C)	SCD62
112.5	SH3U0112PB3S	DH3	28.25	27.0	36.0	930	F (Opt W/C)	SCD62
150	SH3U0150PB3S	DH4	31.5	29.5	44.5	1220	F	SCD62
225	SH3U0225PB3S	DH5	38.0	34.0	52.0	1800	F	SCD67
300	SH3U0300PB3S	DH5	38.0	34.0	52.0	2250	F	SCD64
500	SH3U0500PB3S	DH6	49.0	42.0	64.0	3800	F	SCD64
750	SH3U0750PB3S	DH7	54.0	47.0	72.0	5100	F	SCD65
1000	SH3U1000PB3S	DH8	60.0	50.0	82.0	6300	F	SCD65

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## COPPER WOUND, SHIELDED, THREE PHASE -30° PHASE SHIFT



480Y Delta Primary Volts                      208Y/120 Secondary Volts                      60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	SH3U0015KB3K	DH1	21.5	20.13	22.0	270	F or W/C	SCD62
30	SH3U0030KB3K	DH2	25.75	23.75	28.75	410	F or W/C	SCD62
45	SH3U0045KB3K	DH2	25.75	23.75	28.75	480	F or W/C	SCD62
75	SH3U0075KB3K	DH3	28.25	27.0	36.0	700	F (Opt W/C)	SCD62
112.5	SH3U0112KB3K	DH3	28.25	27.0	36.0	940	F (Opt W/C)	SCD62
150	SH3U0150KB3K	DH4	31.5	29.5	44.5	1250	F	SCD62
225	SH3U0225KB3K	DH4	31.5	29.5	44.5	1850	F	SCD67
300	SH3U0300KB3K	DH5	38.0	34.0	52.0	2300	F	SCD64
500	SH3U0500KB3K	DH6	49.0	42.0	64.0	3800	F	SCD64
750	SH3U0750KB3K	DH6	49.0	42.0	64.0	5100	F	SCD65
1000	SH3U1000KB3K	DH7	54.0	47.0	72.0	6400	F	SCD65

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300	SH3U0300PB3K	DH5	38.0	34.0	52.0	2300	F	SCD64
500	SH3U0500PB3K	DH6	49.0	42.0	64.0	3800	F	SCD64
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Sentinel H type Harmonic Mitigating transformers have a standard K13 load profile.  
Other K load profiles are available by contacting our sales offices.

Data subject to change without notice.