



ADDENDUM TO THE SSW-06 USER'S MANUAL

Series: SSW-06
Special software: Ve1.XX
Language: English
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1. INTRODUCTION

This addendum brings information on the SSW-06 690 V Marines.

2. HOW TO SPECIFY THE SSW-06 690 V MODEL:

SSW06xxxxTyyyyPSH3S1Z

Where:

- xxxx = 0670 (670 A soft-starter nominal current).
1000 (1000 A soft-starter nominal current).
1300 (1300 A soft-starter nominal current).
- yyyy = 5769 (three-phase power supply 575 to 690 V).
- H3 = Special hardware (marines application).
- S1 = Special software (Ve1.23).

3. DIMENSIONS OF THE SSW-06

The dimensions, weights and tightening torques are the same for models 220 – 575 Vac, the current of 670 A corresponds to mechanical 6 (currents 670 A and 820 A), and the currents of 1000 A and 1300 A corresponds to mechanical 8 (currents 1100 A and 1400 A) for standard line.

4. CABLES AND HIGH SPEED FUSES

Use the same values of cable sizes and high speed fuses for the models 220 – 575 Vac, for respective equal current or similar as follows:

- 670 A = 670 A
- 1000 A = 1100 A
- 1300 A = 1400 A

5. PARAMETERS TO BE ADJUSTED SPECIFICALLY FOR THIS LINE OF VOLTAGE

P295 – Nominal Current

- P295 = 16 (670 A)
- P295 = 21 (1000 A)
- P295 = 22 (1300 A)

P296 – Nominal Voltage

- P296 = 1 (575-690 V)

6. SPARE PART LIST

6.1. THYRISTORS

Item Number	Specification	Models (amperes) 575-690 Vac		
		670	1000	1300
		Units per Soft-Starter		
11301085	Disc Thyristor 1200 A / 2200 V	6		
10328711	Thyristor Bridge 1000 A / 2200 V		1	
11082230	Thyristor Bridge 1300 A / 2200 V			1

6.2. PRINTER CIRCUIT BOARDS (PCB)

Item Number	Specification	Models (amperes) 575-690 Vac		
		670	1000	1300
		Unit per Soft-Starter		
10092578	Source and Power Board – CPS65	1	1	1
10092579	RC Snubber Board – RCS62	1	1	1

7. CURRENT AND RATINGS

7.1. STANDARD CONNECTION

MODEL	55 °C (131 °F)		55 °C (131 °F)			
	Nominal Current 3x In @ 30 s	Nominal Current 4,5x In @ 30 s	575 V		690 V	
	A	A	hp	kW	hp	kW
SSW060670	670	447	700	515	850	630
SSW061000 ⁽¹⁾	1000	667	1100	810	1300	955
SSW061300 ⁽¹⁾	1300	867	1400	1030	1700	1250

7.2. INSIDE DELTA MOTOR CONNECTION

MODEL	55 °C (131 °F)		55 °C (131 °F)			
	Nominal Current 3x In @ 30 s	Nominal Current 4,5x In @ 30 s	575 V		690 V	
	A	A	hp	kW	hp	kW
SSW060670	1160	773	1200	895	1500	1120
SSW061000 ⁽¹⁾	1730	1153	1850	1360	2250	1650
SSW061300 ⁽¹⁾	2250	1500	2450	1800	2850	2100

Notes:

- Number of starts per hour for SSW-06 690 V marines: 6 starts/hour.

⁽¹⁾ Values for surrounding air temperature of 40 °C (104 °F).