

SEG / Woodward / ConverterTec



ZOPF NGx SKiiP 3



ZOPF NGx SKiiP 4



ZOPF NGx LightStack



ZOPF NG03



ZOPF Stack



ZOPF IDS PU69



ZOPF RACK 314

GE Power Conversion / Converteam / Alstom



ZOPF Pro 1.5MW - Air



ZOPF Pro 2.0MW - Air



ZOPF Pro 2.5MW - Water



MD2000



MV3000 Delta

GE Wind

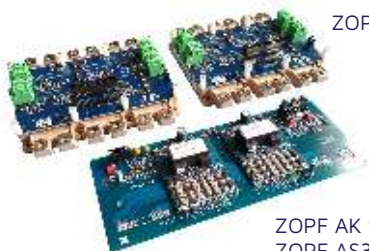


ZOPF Rotor & Line Side 1.5MW



ZOPF Rotor & Line Side 2.5MW

Ingeteam



ZOPF AK 9779 /
AK 9762

ZOPF AK 9758 /
ZOPF AS3566

L&B



L&B Pitch Control

Converter OEM	Converter Type	OEM numbers	Power / Phase Modules	ZOPF Module	ZOPF Nr.	Turbine types		
ConverterTec Woodward SEG	CW1500 / CW2000	KP-30012 KP-30014 KP-33420 KP-36951 KP-38892 others	Modstack Master 300 / 301 / 302	ZOPF STACK Master	10101	Fuhrländer MD Senvion MD Senvion MM		
		KP-30010 KP-38893 KP-36952 others	Modstack Slave 300 / 301 / 302	ZOPF STACK Slave	10102			
		KP-36676 KP-36945 KP-28421 KP-31651 KP-28514 other	RAC 310 / 311 / 313 air-cooled	ZOPF RACK 314 air	10106		GE 1.5 Südwind DeWind D4/D6 Senvion MD Senvion MM	
	CW1000	KP-29965 KP-35546 others	RAC 310 / 311 / 313 water-cooled	ZOPF RACK 314 water	10107	DeWind D6 NegMicon Nordex		
	NG03 air	KP-30641 KP-30642	SKiiP2013 air-cooled MSC SKiiP1513 air-cooled LSC	ZOPF NG03 Stack MSC - air ZOPF NG03 Stack LSC - air	10140 10141	Alstom ECO		
	NGx water	KP-37301 KP-38884 KP-40727 KP-45242 KP-46521 KP-46522	SKiiP2013		ZOPF NGX IGBT 2013 - KP-37301	110001	Senvion MM Senvion 3XM Senvion 6M Nordex Alstom ECO	
					ZOPF NGX IGBT 2013 - KP-38884	110003		
					ZOPF NGX IGBT 2013 - KP-40727	110006		
					ZOPF NGX IGBT 2013 - KP-45242	110010		
		KP-38883 KP-40181 KP-40726 KP-45243 KP-46104	SKiiP2403			ZOPF NGX IGBT 2403 - KP-38883		110002
						ZOPF NGX IGBT 2403 - KP-40181		110004
						ZOPF NGX IGBT 2403 - KP-40726		110005
						ZOPF NGX IGBT 2414 - KP-45243		110011
	KP-42148 KP-43086 KP-43162 4930-1442	SKiiP3614			ZOPF NGX IGBT 3614 - KP-46104	110012		
ZOPF NGX LightStack - KP-42148					110007			
KP-43162 4930-1442	LightStack 60Hz			ZOPF NGX LightStack - KP-43086	110008			
				ZOPF NGX LightStack - KP-43162	110009			
KP-35853 KP-38532	Chopper / IMC Limiter			ZOPF NGX Chopper 2 IGBT	10149			
				ZOPF NGX Chopper 4 IGBT	10144			
Woodward / IDS	N80K / N80KE	ART-01541	PU69-1600-K incl. 3500-K	ZOPF IDS PU69 incl. Cap Bank 3500	10123	Nordex N80		
		ART-04027	PU69-1600-K incl. 7700-KE	ZOPF IDS PU69 incl. Cap Bank 7700	10139			
		ART-04343	PU69-1600-K without Cap Bank	ZOPF IDS PU69 without Cap Bank	-			
GE Power Conversion Converteam Alstom	MD2000	PLB029-222397	Phasemodule MUV II 1200A 690V	ZOPF MD2000 - general overhaul	10164	GE 1.5 Senvion MD Südwind MD Fuhrländer MD		
	ProWind 1.5 air	PLB029-233552	ProX 690 - 1E1 - 1LOH1 (580A)	ZOPF Pro 1.5MW - Air	10112	Senvion MM		
		PLB029-380349	ProX 690 - 9E1 - 1LOH1 (580A)					
	ProWind 2.0 air	PLB029-354394	ProX 690 - 1E1 - OLOH1 (580A)	ZOPF Pro 2.0 580A - Air	10113	Nordex N80/90		
		PLB029-380350	ProX 690 - 9E1 - OLOH1 (580A)					
	ProWind 2.5 water	PLB029-354389	ProX 690 - 2E2 - OLOH1 (750A)	ZOPF Pro 2.0 750A - Air	10114	Siemens 2.3MW		
		PLB029-380354	ProX 690 - 10E2 - OLOH1 (750A)					
MV3000	PCKMVDL800-4704-93 PCKMVDL800-4702-93 PCK000000256	Delta Module MVDL800-470x		OEM Delta 800A onshore	10128			
				OEM Delta 1000A offshore	10129			
GE Wind	GE 1.5 / 2.5 Salem	107W7460P001	Line Side 1.5 - 107W7460P001	ZOPF LS 1.5 Non-ESS	10119	GE 1.5		
		107W7461P001	Rotor Side 1.5 - 107W7461P001	ZOPF RS 1.5 Non-ESS	10120			
		107W7462P001	Line Side 1.5 - 107W7462P001	ZOPF LS 1.5 / 2.5 ESS	10134	GE 1.5 / 2.5		
		107W7463P001	Rotor Side 1.5 - 107W7463P001	ZOPF RS 1.5 / 2.5 ESS	10135			
		107W7456P001	Rotor/Line 2.5 - 107W7456P001	ZOPF RLS 2.5	10124	GE 2.5		
		107W7457P001	Rotor/Line 2.5 - 107W7457P001	ZOPF RLS + Chopper 2.5	10125			
Ingeteam	3.0 & 3.1 (Gamesa & Mitsubishi)	AK9779	AK9779 / AK9762 IGBT	ZOPF AK9779 / AK9762	10105	Gamesa G8x/9x Mitsubishi 2.x		
		AK9762						
	3.1 Acciona	AS3566-AAA	AS3566 Driver	ZOPF AS3566	10145	Acciona 3.x		
L&B	Pitch Controller	GEL8230 / 8231 / 8232	GEL8230 / 8231 / 8232 GEL8250 / 8251	L&B Pitch Controller - general overhaul	10173	MD turbines, GE 1.5		