










# Application Note - ZMB Device Compatibility (EPI-143-00)

Controller						Serial Communications								Modbus Parameters																						
Photo	Profile Name	Manufacturer	Product Series	Model	Firmware Version	Serial Comm's Type	Baud Rate	Stop Bits	Parity	Cable Type	Connection Type	Termination Resistor Required?	Termination Resistor Value	Parameter List	Parameter Name	Modbus Address	Register Address	Read Function	Write Function	Register Count	Register Signed Type?	Register Float Type?	Register Bit position	Register Byte Swap?	Register Word Swap?	Unit	Abbreviated Unit	Multiplier	Divider	Offset	Reporting Mode	Reporting Interval (mins)	Logging Enabled?	Export Enabled?	Reporting Delta	
	ZMB-30_2_92_Danfoss_EKC202A.json	Danfoss	EKC	EKC-202A	-	RS-485	9600	1	Even	Straight	Screw Terminals	No	-	Parameter #1	S4ir Temperature	1 0x0A0F	3	0	1	TRUE	FALSE	0	FALSE	FALSE	C	C	-	-	-	-	-	Snap to Clock	5	Yes	Yes	-
	ZMB-30_2_92_Danfoss_EKC202D.json	Danfoss	EKC	EKC-202D	-	RS-485	9600	1	Even	Straight	Screw Terminals	No	-	Parameter #1	S5 Temperature	1 0x03F2	3	0	1	TRUE	FALSE	0	FALSE	FALSE	C	C	-	-	-	-	-	Snap to Clock	5	Yes	Yes	-
	ZMB-30_2_92_Carel_MPX_PRO.json	Carel	MPX	MPX PRO	-	RS-485	19200	2	None	Straight	Screw Terminals	No	-	Parameter #1	S1 Temperature	1 0x0064	3	0	1	TRUE	FALSE	0	FALSE	FALSE	C	C	-	-	-	-	-	Snap to Clock	5	Yes	Yes	-
	ZMB-30_2_92_Carel_IR33.json	Carel	IR	IR33	-	RS-485	19200	1	None	Straight	Screw Terminals	No	-	Parameter #1	S1 Temperature	1 0x0004	3	0	1	TRUE	FALSE	0	FALSE	FALSE	C	C	-	-	-	-	-	Snap to Clock	5	Yes	Yes	-
	ZMB-30_2_92_Carel_pRack.json	Carel	pRack	-	-	RS-485	19200	1	None	Straight	Screw Terminals	No	-	Parameter #1	Suction Pressure	196 0x0001	3	0	1	TRUE	FALSE	0	FALSE	FALSE	C	C	-	-	-	-	-	Snap to Clock	5	Yes	Yes	-
	ZMB-30_2_92_Dixell.XR77CX.json	Dixell	XR	XR77CX	-	RS-485	9600	1	None	Straight	Screw Terminals	No	-	Parameter #1	Room Temperature	1 0x0100	3	0	1	TRUE	FALSE	0	FALSE	FALSE	C	C	-	-	-	-	-	Snap to Clock	5	Yes	Yes	-
	ZMB-30_2_92_Dixell.XR60CX.json	Dixell	XR	XR60CX	-	TTL	9600	1	None	Straight	Hot Key/TTL Cable Loom	No	-	Parameter #1	Room Temperature	1 0x0108	3	0	1	TRUE	FALSE	0	FALSE	FALSE	C	C	-	-	-	-	-	Snap to Clock	5	Yes	Yes	-
	ZMB-30_2_92_Dixell.XR170C.json	Dixell	XR	XR170C	-	RS-485	9600	1	None	Straight	Screw Terminals	No	-	Parameter #1	Room Temperature	1 0x0100	3	0	1	TRUE	FALSE	0	FALSE	FALSE	C	C	-	-	-	-	-	Snap to Clock	5	Yes	Yes	-
	ZMB-31/Basler BE1-11f1.0	Basler	BE	BE1-11f	-	RS485	19200	1	None	Straight	Screw Terminals	No	-	Parameter #1	Mode	1 0x5809	3	16	2	FALSE	FALSE	0	TRUE	TRUE			-	-	-	-	-	Snap to Clock	1	Yes	Yes	-
														Parameter #2	Pickup	1 0x580B	3	16	2	FALSE	TRUE	0	TRUE	TRUE	Hertz	Hz	-	-	-	-	-	Snap to Clock	1	Yes	Yes	-
														Parameter #3	Time Delay	1 0x580D	3	16	2	FALSE	TRUE	0	TRUE	TRUE	Millisecond	ms	-	-	-	-	-	Snap to Clock	1	Yes	Yes	-
														Parameter #4	Voltage Inhibit	1 0x580F	3	16	2	FALSE	TRUE	0	TRUE	TRUE	Voit	V	-	-	-	-	-	Snap to Clock	1	Yes	Yes	-
														Parameter #5	Under Frequency	1 0x5815	3	16	2	FALSE	TRUE	0	TRUE	TRUE	Hertz	Hz	-	-	-	-	-	Snap to Clock	1	Yes	Yes	-
														Parameter #6	Phase Frequency	1 0x278B	3	0	2	FALSE	TRUE	0	TRUE	TRUE	Hertz	Hz	-	-	-	-	-	Live Stream	-	Yes	Yes	-
														Parameter #7	Total Watts Meter	1 0x27C9	3	0	2	FALSE	TRUE	0	TRUE	TRUE	Watts	W	-	-	-	-	-	Live Stream	-	Yes	Yes	-