

Register – PowerLogic Modbus



Value			IEM2055	IEM2155	PowerTag Flex 1ph	PowerTag Flex 3ph	PowerTag NSX	PowerTag F160	PowerTag Rope	PowerTag Link	iEM3x55	PM3255	PM22xx	PM511x	PM53xx	PM55xx PM56xx PM57xx	PM82xx	ION92xx ION95xx	REGISTER ¹⁾	ANZAHL	FORMAT	UNIT	
Modbus TCP			-	-	-	-	-	-	-	X	-	-	-	-	X	X	X	X					
Modbus TCP (Wireless via PowerTag Link)			-	-	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-				
Modbus RTU			X	X	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X				
Current	Phase 1		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	3000	2	Float32	A	
	Phase 2					X	X	X	X		X	X	X	X	X	X	X	X	3002	2	Float32	A	
	Phase 3					X	X	X	X		X	X	X	X	X	X	X	X	3004	2	Float32	A	
Voltage	L1-N		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	3028	2	Float32	V	
	L2-N					X	X	X	X		X	X	X	X	X	X	X	X	3030	2	Float32	V	
	L3-N					X	X	X	X		X	X	X	X	X	X	X	X	3032	2	Float32	V	
	L1-L2					X	X	X	X		X	X	X	X	X	X	X	X	3020	2	Float32	V	
	L2-L3					X	X	X	X		X	X	X	X	X	X	X	X	3022	2	Float32	V	
	L3-L1					X	X	X	X		X	X	X	X	X	X	X	X	3024	2	Float32	V	
Power	Active	Phase 1	X	X	X ²⁾	X ²⁾	X ²⁾	X ²⁾	X ²⁾		X	X	X	X	X	X	X	X	3054	2	Float32	kW	
	Active	Phase 2				X ²⁾	X ²⁾	X ²⁾	X ²⁾		X	X	X	X	X	X	X	X	3056	2	Float32	kW	
	Active	Phase 3				X ²⁾	X ²⁾	X ²⁾	X ²⁾		X	X	X	X	X	X	X	X	3058	2	Float32	kW	
	Active	Total				X	X	X	X		X	X	X	X	X	X	X	X	3060	2	Float32	W	
	Reactive	Total	X	X			X	X	X		X	X	X	X	X	X	X	X	3068	2	Float32	kVAR	
	Apparent	Total	X	X			X	X	X		X	X	X	X	X	X	X	X	3076	2	Float32	kVA	
Frequency			X	X			X	X	X		X	X	X	X	X	X	X	3110	2	Float32	Hz		
Energy	Active	Total Import	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	3204	4	UInt64	Wh	
	Active	Total Export	X	X					X		X	X	X	X	X	X	X	X	3208	4	UInt64	Wh	
	Reactive	Total Import	X	X					X		X	X	X	X	X	X	X	X	3220	4	UInt64	VARh	
	Reactive	Total Export	X	X					X		X	X	X	X	X	X	X	X	3224	4	UInt64	VARh	

¹⁾ Adresse = Register - 1; z.B. Strom Phase1: Register 3000 bzw. Adresse 2999

²⁾ PowerTag: Wirkleistung in W