MP-3000

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
System ID	1032	Vendor Name	32	ASCII	no-units		
	1064	Model Name	32	ASCII	no-units		
	1096	Display Name	32	ASCII	no-units		
	1128	Device Type	32	ASCII	no-units		
	1605	Field Replaceable Unit	1	UINT16	no-units		
Status	3048	Device Online Status	1	UINT16	no-units		Offline(3);Online(4)
	3000	Status	1	UINT16	no-units		Ready - Stopped(0);Running(1);Tripped (2);Alarmed(3)
	3001	Status Reason	1	UINT16	no-units		INCOM 301 Reason Code
	3119	Percent Motor Thermal Capacity	1	UINT16	percent		
	3110	Remaining starts in starts/time	1	UINT16	minutes		
	3092	Time left in oldest start	1	UINT16	minutes		
	3093	Operations Count	1	UINT16	no-units		
	3114	Run Time	1	UINT16	hours		
Meters	12231	Time of Last Reset	3	TIME	no-units		
	5002	Ia	2	FLOAT	amperes		
	5004	Ib	2	FLOAT	amperes		
	5006	Ic	2	FLOAT	amperes		
	5008	Ig	2	FLOAT	amperes		
	5012	Iavg	2	FLOAT	amperes		
	6186	Percent Full Load A	2	FLOAT	percent		
	6188	Percent Full Load B	2	FLOAT	percent		
	6190	Percent Full Load C	2	FLOAT	percent		
	6192	Percent Current Unbalance	2	FLOAT	percent		
	10281	Discrete Input 1	1	UINT16	no-units		Off(0);On(1);Not Supported(2)
	10282	Discrete Input 2	1	UINT16	no-units		Off(0);On(1);Not Supported(2)
	12008	Winding Temperature 1	2	FLOAT	degrees-Celsius		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	12010	Winding Temperature 2	2	FLOAT	degrees-Celsius		
	12012	Winding Temperature 3	2	FLOAT	degrees-Celsius		
	12014	Winding Temperature 4	2	FLOAT	degrees-Celsius		
	12016	Winding Temperature 5	2	FLOAT	degrees-Celsius		
	12018	Winding Temperature 6	2	FLOAT	degrees-Celsius		
	12020	Motor Bearing Temperature 1	2	FLOAT	degrees-Celsius		
	12022	Motor Bearing Temperature 2	2	FLOAT	degrees-Celsius		
	12024	Load Bearing Temperature 1	2	FLOAT	degrees-Celsius		
	12026	Load Bearing Temperature 2	2	FLOAT	degrees-Celsius		
	12028	Auxiliary Temperature	2	FLOAT	degrees-Celsius		
	12210	Time Until Next Start	3	TIME	minutes		
Alarms	13442	AD Converter Error Flag	1	UINT16	no-units		False(0);True(1)
	13445	Anti Backspin Flag	1	UINT16	no-units		False(0);True(1)
	13449	Battery Backed RAM Error Flag	1	UINT16	no-units		False(0);True(1)
	13462	Trip By-pass Flag	1	UINT16	no-units		False(0);True(1)
	13465	Differential Trip Flag	1	UINT16	no-units		False(0);True(1)
	13468	Ground Fault Trip Flag	1	UINT16	no-units		False(0);True(1)
	13469	Ground Fault Alarm Flag	1	UINT16	no-units		False(0);True(1)
	13472	I2T Alarm Flag	1	UINT16	no-units		False(0);True(1)
	13473	I2T Trip Flag	1	UINT16	no-units		False(0);True(1)
	13479	Jam Alarm Flag	1	UINT16	no-units		False(0);True(1)
	13480	Jam Trip Flag	1	UINT16	no-units		False(0);True(1)
	13481	Load Bearing Temperature Alarm Flag	1	UINT16	no-units		False(0);True(1)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	13482	Load Bearing Temperature Trip Flag	1	UINT16	no-units		False(0);True(1)
	13490	Motor Bearing Temperature Alarm Flag	1	UINT16	no-units		False(0);True(1)
	13491	Motor Bearing Temperature Trip Flag	1	UINT16	no-units		False(0);True(1)
	13492	Motor Winding Temperature Alarm Flag	1	UINT16	no-units		False(0);True(1)
	13493	Motor Winding Temperature Trip Flag	1	UINT16	no-units		False(0);True(1)
	13494	Opto-coupler Error Flag	1	UINT16	no-units		False(0);True(1)
	13503	Phase Unbalance Alarm Flag	1	UINT16	no-units		False(0);True(1)
	13504	Phase Unbalance Trip Flag	1	UINT16	no-units		False(0);True(1)
	13506	Program Mode Flag	1	UINT16	no-units		False(0);True(1)
	13508	RAM Error Flag	1	UINT16	no-units		False(0);True(1)
	13509	Relay Disarmed Flag	1	UINT16	no-units		False(0);True(1)
	13510	Remote Trip Flag	1	UINT16	no-units		False(0);True(1)
	13513	ROM Error Flag	1	UINT16	no-units		False(0);True(1)
	13514	RTD Failure Alarm Flag	1	UINT16	no-units		False(0);True(1)
	13515	Incomplete Sequence Trip Flag	1	UINT16	no-units		False(0);True(1)
	13519	Time Between Starts Trip Flag	1	UINT16	no-units		False(0);True(1)
	13520	Incomplete Transition Trip Flag	1	UINT16	no-units		False(0);True(1)
	13529	Under Load Alarm Flag	1	UINT16	no-units		False(0);True(1)
	13530	Under Load Trip Flag	1	UINT16	no-units		False(0);True(1)
	13533	URTD Comm Failure Alarm Flag	1	UINT16	no-units		False(0);True(1)
	13540	Zero Speed Switch Trip Flag	1	UINT16	no-units		False(0);True(1)
	14004	Ambient Temperature Alarm	1	UINT16	no-units		False(0);True(1)
	14006	Starts Per Hour Alarm	1	UINT16	no-units		False(0);True(1)
	14009	Ambient Temperature Trip	1	UINT16	no-units		False(0);True(1)
	14010	External Trip	1	UINT16	no-units		False(0);True(1)
	14011	Instantaneous Over Current Trip	1	UINT16	no-units		False(0);True(1)
	14015	Reverse Sequence Trip	1	UINT16	no-units		False(0);True(1)
	14016	Starts Per Hour Trip	1	UINT16	no-units		False(0);True(1)
Controls	2200	Receive Date and Time	3	TIME	no-units		
	2203	Reset Alarm	1	BOOL	no-units	Yes	
	2204	Reset Trip	1	BOOL	no-units	Yes	
	2266	Reset Motor Data Maximum Values	1	BOOL	no-units	Yes	
	2222	Release Time-Stamped Major Event Buffer	1	BOOL	no-units	Yes	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	2224	Reset INCOM Slave Interface Statistics	1	BOOL	no-units	Yes	
	2225	Reset Product Specific Statistics	1	BOOL	no-units	Yes	