C441

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		
	1192	Device ID	32	ASCII	no-units		C441BA(186);C441BB(187);C441CA(202);C441CB(203);C441DA(218);C441DB(219)
	1605	Field Replaceable Unit	1	UINT16	no-units		
	2044	Overload Firmware Version	16	ASCII	no-units		
	2060	UI Firmware Version	16	ASCII	no-units		
	18110	CT Multiplier	2	UINT32	no-units		1(1);2(2);3(3);4(4);150:5(5);300:5(6);600:5(7)
Status	3000	Overload Status	1	UINT16	no-units		Normal(0);Overload Tripped(1);Ground Fault Tripped(2);High Power Tripped(3);Running(4)
	35007	Motor Power	2	FLOAT	kilowatts		
	3119	Motor Thermal Capacity	1	UINT16	percent		
	35014	Supply Fault - Time To Restart	2	UINT32	seconds		
	35013	Motor Fault - Time To Restart	2	UINT32	seconds		
	35015	Load Fault - Time To Restart	2	UINT32	seconds		
	35009	Motor Run Time	2	UINT32	hours		
	35012	Start Count	2	UINT32	no-units		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	35010	Trip Reason	2	UINT32	no-units		Not Tripped(0);Fault Lockout(1);Relay Off Command(2);Contactor Failure(3);Under Current(4);Overload(5);Ground Fault(6);Current Unbalance(7);Current Single-Phase(8);High Power(9);Over Voltage(10);Under Voltage(11);Voltage Unbalance(12);Over Current(13);Low Power(14);Phase Reversal(15)
Meters	4002	Vab	2	FLOAT	volts		
	4004	Vbc	2	FLOAT	volts		
	4006	Vca	2	FLOAT	volts		
	4008	V(L-L) Average	2	FLOAT	volts		
	4483	Percent Voltage Unbalance	2	FLOAT	percent		
	5002	Ia	2	FLOAT	amperes		
	5004	Ib	2	FLOAT	amperes		
	5006	Ic	2	FLOAT	amperes		
	5012	Iavg	2	FLOAT	amperes		
	5142	Percent Current Unbalance	2	FLOAT	percent		
	5008	Ground Fault Current	2	FLOAT	amperes		
	6220	Power Factor	2	FLOAT	power-factor		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	10283	Fault Queue 01	1	UINT16	no-units		Number of Restarts Exceeded(1);Remote Off(2);Contactor Failure(3);Under Current(4);Motor Overload(5);Ground Fault(6);Current Unbalance(7);Current Phase Loss(8);Reserved(9);High Power(10);Over Voltage(11);Under Voltage(12);Voltage Unbalance(13);Jam(14);Low Power(15);Phase Rotation(16);Device Memory Fault(17);Internal Communication Fault(18);Lone Frequency Out of Range(24);Calibration Error(27)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	10284	Fault Queue 02	1	UINT16	no-units		Number of Restarts Exceeded(1);Remote Off(2);Contactor Failure(3);Under Current(4);Motor Overload(5);Ground Fault(6);Current Unbalance(7);Current Phase Loss(8);Reserved(9);High Power(10);Over Voltage(11);Under Voltage(12);Voltage Unbalance(13);Jam(14);Low Power(15);Phase Rotation(16);Device Memory Fault(17);Internal Communication Fault(18);Lone Frequency Out of Range(24);Calibration Error(27)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	10285	Fault Queue 03	1	UINT16	no-units		Number of Restarts Exceeded(1);Remote Off(2);Contactor Failure(3);Under Current(4);Motor Overload(5);Ground Fault(6);Current Unbalance(7);Current Phase Loss(8);Reserved(9);High Power(10);Over Voltage(11);Under Voltage(12);Voltage Unbalance(13);Jam(14);Low Power(15);Phase Rotation(16);Device Memory Fault(17);Internal Communication Fault(18);Lone Frequency Out of Range(24);Calibration Error(27)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	10286	Fault Queue 04	1	UINT16	no-units		Number of Restarts Exceeded(1);Remote Off(2);Contactor Failure(3);Under Current(4);Motor Overload(5);Ground Fault(6);Current Unbalance(7);Current Phase Loss(8);Reserved(9);High Power(10);Over Voltage(11);Under Voltage(12);Voltage Unbalance(13);Jam(14);Low Power(15);Phase Rotation(16);Device Memory Fault(17);Internal Communication Fault(18);Lone Frequency Out of Range(24);Calibration Error(27)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	10287	Fault Queue 05	1	UINT16	no-units		Number of Restarts Exceeded(1);Remote Off(2);Contactor Failure(3);Under Current(4);Motor Overload(5);Ground Fault(6);Current Unbalance(7);Current Phase Loss(8);Reserved(9);High Power(10);Over Voltage(11);Under Voltage(12);Voltage Unbalance(13);Jam(14);Low Power(15);Phase Rotation(16);Device Memory Fault(17);Internal Communication Fault(18);Lone Frequency Out of Range(24);Calibration Error(27)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	10288	Fault Queue 06	1	UINT16	no-units		Number of Restarts Exceeded(1);Remote Off(2);Contactor Failure(3);Under Current(4);Motor Overload(5);Ground Fault(6);Current Unbalance(7);Current Phase Loss(8);Reserved(9);High Power(10);Over Voltage(11);Under Voltage(12);Voltage Unbalance(13);Jam(14);Low Power(15);Phase Rotation(16);Device Memory Fault(17);Internal Communication Fault(18);Lone Frequency Out of Range(24);Calibration Error(27)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	10289	Fault Queue 07	1	UINT16	no-units		Number of Restarts Exceeded(1);Remote Off(2);Contactor Failure(3);Under Current(4);Motor Overload(5);Ground Fault(6);Current Unbalance(7);Current Phase Loss(8);Reserved(9);High Power(10);Over Voltage(11);Under Voltage(12);Voltage Unbalance(13);Jam(14);Low Power(15);Phase Rotation(16);Device Memory Fault(17);Internal Communication Fault(18);Lone Frequency Out of Range(24);Calibration Error(27)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	10290	Fault Queue 08	1	UINT16	no-units		Number of Restarts Exceeded(1);Remote Off(2);Contactor Failure(3);Under Current(4);Motor Overload(5);Ground Fault(6);Current Unbalance(7);Current Phase Loss(8);Reserved(9);High Power(10);Over Voltage(11);Under Voltage(12);Voltage Unbalance(13);Jam(14);Low Power(15);Phase Rotation(16);Device Memory Fault(17);Internal Communication Fault(18);Lone Frequency Out of Range(24);Calibration Error(27)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	10291	Fault Queue 09	1	UINT16	no-units		Number of Restarts Exceeded(1);Remote Off(2);Contactor Failure(3);Under Current(4);Motor Overload(5);Ground Fault(6);Current Unbalance(7);Current Phase Loss(8);Reserved(9);High Power(10);Over Voltage(11);Under Voltage(12);Voltage Unbalance(13);Jam(14);Low Power(15);Phase Rotation(16);Device Memory Fault(17);Internal Communication Fault(18);Lone Frequency Out of Range(24);Calibration Error(27)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	10292	Fault Queue 10	1	UINT16	no-units		Number of Restarts Exceeded(1);Remote Off(2);Contactor Failure(3);Under Current(4);Motor Overload(5);Ground Fault(6);Current Unbalance(7);Current Phase Loss(8);Reserved(9);High Power(10);Over Voltage(11);Under Voltage(12);Voltage Unbalance(13);Jam(14);Low Power(15);Phase Rotation(16);Device Memory Fault(17);Internal Communication Fault(18);Lone Frequency Out of Range(24);Calibration Error(27)
	11000	Frequency	2	FLOAT	hertz		
Alarms	13610	Low Voltage	1	UINT16	no-units		False(0);True(1)
	13609	High Voltage	1	UINT16	no-units		False(0);True(1)
	13275	Voltage Unbalance	1	UINT16	no-units		False(0);True(1)
	15020	Low Power	1	UINT16	no-units		False(0);True(1)
	13575	Reverse Phase	1	UINT16	no-units		False(0);True(1)
	13285	Current Unbalance	1	UINT16	no-units		False(0);True(1)
	13653	Voltage Single-Phase	1	UINT16	no-units		False(0);True(1)
	13652	Current Single-Phase	1	UINT16	no-units		False(0);True(1)
	13469	Ground Fault	1	UINT16	no-units		False(0);True(1)