

APRESENTAÇÃO



O gateway permite a configuração dos parâmetros de endereçamento dos dispositivos de entrada (Modbus RTU) e do dispositivo de saída (BACnet MS/TP), através de acesso web, conectando um cabo ethernet ao gateway.

MODBUS RTU - ENTRADA

Meio físico: RS485

Baudrate: 9600

Data bits: 8

Parity: None

Stop Bits: 1

Device IDs: 1,2,3,4 e 5

BACNET MS/TP - SAÍDA

Device ID: 1130001

Network ID: 1

Object Name: GW1305

Description: Gateway Modbus RTU x BACnet MS/TP

Location: Brasil

MAC address: 2

Meio físico: RS485

Baudrate: 9600

Data bits: 8

Parity: None

Stop Bits: 1

ACESSO WEB

Endereço IP: 192.168.0.100

Usuário: azzurra

Senha: azzurra

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
1	40001	STS2 1 - Total Transfer Count	Analog Input	AI101	1	-
1	40002	STS2 1 - Preferred Source	Analog Input	AI102	2	
1	40003	STS2 1 - Active Source	Analog Input	AI103	3	
1	40004	STS2 1 - Source 1 Volts A-B	Analog Input	AI104	4	V
1	40005	STS2 1 - Source 1 Volts B-C	Analog Input	AI105	5	V
1	40006	STS2 1 - Source 1 Volts C-A	Analog Input	AI106	6	V
1	40007	STS2 1 - Source 1 Current A	Analog Input	AI107	7	A
1	40008	STS2 1 - Source 1 Current B	Analog Input	AI108	8	A
1	40009	STS2 1 - Source 1 Current C	Analog Input	AI109	9	A
1	40010	STS2 1 - Source 1 Frequency	Analog Input	AI110	10	Hz
1	40011	STS2 1 - Source 2 Volts A-B	Analog Input	AI111	11	V
1	40012	STS2 1 - Source 2 Volts B-C	Analog Input	AI112	12	V
1	40013	STS2 1 - Source 2 Volts C-A	Analog Input	AI113	13	V
1	40014	STS2 1 - Source 2 Current A	Analog Input	AI114	14	A
1	40015	STS2 1 - Source 2 Current B	Analog Input	AI115	15	A
1	40016	STS2 1 - Source 2 Current C	Analog Input	AI116	16	A
1	40017	STS2 1 - Source 2 Frequency	Analog Input	AI117	17	Hz
1	40018	STS2 1 - Output kW	Analog Input	AI118	18	kW
1	40019	STS2 1 - Output kVA	Analog Input	AI119	19	kVA
1	40024.0	STS2 1 - CB 1 Status	Binary Input	BI101	20	
1	40024.1	STS2 1 - CB 2 Status	Binary Input	BI102	21	
1	40024.2	STS2 1 - CB 3 Status	Binary Input	BI103	22	
1	40024.3	STS2 1 - CB 3A Status	Binary Input	BI104	23	
1	40024.4	STS2 1 - CB 4 Status	Binary Input	BI105	24	
1	40024.5	STS2 1 - CB 5 Status	Binary Input	BI106	25	
1	40024.6	STS2 1 - CB Spare 1 Status	Binary Input	BI107	26	
1	40024.7	STS2 1 - CB Spare 2 Status	Binary Input	BI108	27	
1	40024.8	STS2 1 - CB 7 Status	Binary Input	BI109	28	
1	40024.9	STS2 1 - CB 8 Status	Binary Input	BI110	29	
1	40025.0	STS2 1 - Auto Xfer Enabled	Binary Input	BI111	30	
1	40025.1	STS2 1 - Has Dual Out Breakers	Binary Input	BI112	31	
1	40025.2	STS2 1 - Has PDU Equipped	Binary Input	BI113	32	
1	40025.3	STS2 1 - Has 4 pole Switch	Binary Input	BI114	33	
1	40025.4	STS2 1 - Has Shunt Trip	Binary Input	BI115	34	
1	40025.5	STS2 1 - Has Wye Out Xfmr	Binary Input	BI116	35	
1	40025.6	STS2 1 - Has Rmt Sorce Sel	Binary Input	BI117	36	
1	40025.7	STS2 1 - Manual I peak Reset	Binary Input	BI118	37	
1	40025.8	STS2 1 - Auto Restart Enabled	Binary Input	BI119	38	
1	40026	STS2 1 - LoadKVA %	Analog Input	AI120	39	%
1	40027	STS2 1 - Source 1 Volts A-N	Analog Input	AI121	40	V
1	40028	STS2 1 - Source 1 Volts B-N	Analog Input	AI122	41	V
1	40029	STS2 1 - Source 1 Volts C-N	Analog Input	AI123	42	V
1	40030	STS2 1 - Source 2 Volts A-N	Analog Input	AI124	43	V
1	40031	STS2 1 - Source 2 Volts B-N	Analog Input	AI125	44	V
1	40032	STS2 1 - Source 2 Volts C-N	Analog Input	AI126	45	V
1	40033	STS2 1 - Source 1 Neutral Current	Analog Input	AI127	46	A
1	40034	STS2 1 - Source 2 Neutral Current	Analog Input	AI128	47	A
1	40020	STS2 1 - Retransfer Delay	Analog Input	AI129	48	Seconds
1	40021	STS2 1 - STS2 Voltage Rating	Analog Input	AI130	49	V
1	40022	STS2 1 - Max Xfer Phase Angle	Analog Input	AI131	50	Degree

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
1	40023	STS2 1 - Freq. Deviation Trip Point	Analog Input	AI132	51	Hz
1	40035	STS2 1 - Source 1 Neutral Current Limit	Analog Input	AI133	52	A
1	40036	STS2 1 - Source 2 Neutral Current Limit	Analog Input	AI134	53	A
1	40289.0	STS2 1 - Communications Lost	Binary Input	BI120	54	
1	40289.1	STS2 1 - S1 SCR Short	Binary Input	BI121	55	
1	40289.2	STS2 1 - S2 SCR Short	Binary Input	BI122	56	
1	40289.3	STS2 1 - S1 SCR Open	Binary Input	BI123	57	
1	40289.4	STS2 1 - S2 SCR Open	Binary Input	BI124	58	
1	40289.5	STS2 1 - Primary Fan Fail	Binary Input	BI125	59	
1	40289.6	STS2 1 - Control Module Fail	Binary Input	BI126	60	
1	40289.7	STS2 1 - PWR Supply DC A Fail	Binary Input	BI127	61	
1	40289.8	STS2 1 - PWR Supply DC B Fail	Binary Input	BI128	62	
1	40289.9	STS2 1 - PWR Supply SRC 1 AC Fail	Binary Input	BI129	63	
1	40289.10	STS2 1 - PWR Supply SRC 2 AC Fail	Binary Input	BI130	64	
1	40289.11	STS2 1 - PWR Supply Logic Fail	Binary Input	BI131	65	
1	40289.12	STS2 1 - Output Voltage Sense Fail	Binary Input	BI132	66	
1	40289.13	STS2 1 - S1 Voltage Sense Fail	Binary Input	BI133	67	
1	40289.14	STS2 1 - S2 Voltage Sense Fail	Binary Input	BI134	68	
1	40289.15	STS2 1 - S1 SCR Sense Fail	Binary Input	BI135	69	
1	40290.0	STS2 1 - S2 SCR Sense Fail	Binary Input	BI136	70	
1	40290.1	STS2 1 - S1 Current Sense Fail	Binary Input	BI137	71	
1	40290.2	STS2 1 - S2 Current Sense Fail	Binary Input	BI138	72	
1	40290.3	STS2 1 - S1 Gate Drive Fail	Binary Input	BI139	73	
1	40290.4	STS2 1 - S2 Gate Drive Fail	Binary Input	BI140	74	
1	40290.5	STS2 1 - Internal Comm Fail	Binary Input	BI141	75	
1	40290.6	STS2 1 - External Comm Fail	Binary Input	BI142	76	
1	40290.7	STS2 1 - CB1 Shunt Trip Fail	Binary Input	BI143	77	
1	40290.8	STS2 1 - CB2 Shunt Trip Fail	Binary Input	BI144	78	
1	40290.9	STS2 1 - CB6 Neutral Open	Binary Input	BI145	79	
1	40290.10	STS2 1 - Contactor Neutral Fail	Binary Input	BI146	80	
1	40290.11	STS2 1 - Heatsink Overtemp	Binary Input	BI147	81	
1	40290.12	STS2 1 - Equipment Overtemp	Binary Input	BI148	82	
1	40290.13	STS2 1 - Ambient Overtemp	Binary Input	BI149	83	
1	40290.14	STS2 1 - S1 Undervolts	Binary Input	BI150	84	
1	40290.15	STS2 1 - S1 Undervolts (RMS)	Binary Input	BI151	85	
1	40291.0	STS2 1 - S1 Overvolts	Binary Input	BI152	86	
1	40291.1	STS2 1 - S1 Over/Under Freq	Binary Input	BI153	87	
1	40291.2	STS2 1 - S1 Fail	Binary Input	BI154	88	
1	40291.3	STS2 1 - S2 Undervolts	Binary Input	BI155	89	
1	40291.4	STS2 1 - S2 Undervolts (RMS)	Binary Input	BI156	90	
1	40291.5	STS2 1 - S2 Overvolts	Binary Input	BI157	91	
1	40291.6	STS2 1 - S2 Over/Under Frequency	Binary Input	BI158	92	
1	40291.7	STS2 1 - S2 Fail	Binary Input	BI159	93	
1	40291.8	STS2 1 - S1 Overcurrent	Binary Input	BI160	94	
1	40291.9	STS2 1 - S2 Overcurrent	Binary Input	BI161	95	
1	40291.10	STS2 1 - S1 I-Peak	Binary Input	BI162	96	
1	40291.11	STS2 1 - S2 I-Peak	Binary Input	BI163	97	
1	40291.12	STS2 1 - Sources Out of Sync	Binary Input	BI164	98	
1	40291.13	STS2 1 - Load On Alternate Source	Binary Input	BI165	99	
1	40291.14	STS2 1 - Auto Retransfer Inhibit	Binary Input	BI166	100	

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
1	40292.0	STS2 1 - CB1 (S1) Open	Binary Input	BI167	1	
1	40292.1	STS2 1 - CB2 (S2) Open	Binary Input	BI168	2	
1	40292.2	STS2 1 - CB4 (S1 BYP) Closed	Binary Input	BI169	3	
1	40292.3	STS2 1 - CB5 (S2 BYP) Closed	Binary Input	BI170	4	
1	40292.4	STS2 1 - CB3 Output Bkr Open	Binary Input	BI171	5	
1	40292.5	STS2 1 - CB3A Output Bkr Open	Binary Input	BI172	6	
1	40292.6	STS2 1 - S1 Phase Rotation Error	Binary Input	BI173	7	
1	40292.7	STS2 1 - S2 Phase Rotation Error	Binary Input	BI174	8	
1	40292.8	STS2 1 - Transfer Inhibited	Binary Input	BI175	9	
1	40292.9	STS2 1 - Output Undervoltage	Binary Input	BI176	10	
1	40292.10	STS2 1 - History Logs Full	Binary Input	BI177	11	
1	40292.11	STS2 1 - Equipment Fan Fail	Binary Input	BI178	12	
1	40292.12	STS2 1 - Load Volt THD High	Binary Input	BI179	13	
1	40292.13	STS2 1 - Load Over-current	Binary Input	BI180	14	
1	40292.14	STS2 1 - Ground Over-current	Binary Input	BI181	15	
1	40292.15	STS2 1 - Neutral Over-current	Binary Input	BI182	16	
1	40293.0	STS2 1 - Customer Alarm #1	Binary Input	BI183	17	
1	40293.1	STS2 1 - Customer Alarm #2	Binary Input	BI184	18	
1	40293.2	STS2 1 - Customer Alarm #3	Binary Input	BI185	19	
1	40293.3	STS2 1 - Customer Alarm #4	Binary Input	BI186	20	
1	40293.4	STS2 1 - Customer Alarm #5	Binary Input	BI187	21	
1	40293.5	STS2 1 - Customer Alarm #6	Binary Input	BI188	22	
1	40293.6	STS2 1 - Customer Alarm #7	Binary Input	BI189	23	
1	40293.7	STS2 1 - Customer Alarm #8	Binary Input	BI190	24	
1	40294.13	STS2 1 - Neutral Current 1 Over Limit	Binary Input	BI191	25	
1	40294.14	STS2 1 - Neutral Current 2 Over Limit	Binary Input	BI192	26	
1	40294.15	STS2 1 - Neutral Snubber Fail	Binary Input	BI193	27	
1	40295.0	STS2 1 - Neutral 1 SCR Short	Binary Input	BI194	28	
1	40295.1	STS2 1 - Neutral 2 SCR Short	Binary Input	BI195	29	
1	40295.2	STS2 1 - Neutral 1 SCR Open	Binary Input	BI196	30	
1	40295.3	STS2 1 - Neutral 2 SCR Open	Binary Input	BI197	31	
2	40001	STS2 2 - Total Transfer Count	Analog Input	AI201	32	-
2	40002	STS2 2 - Preferred Source	Analog Input	AI202	33	
2	40003	STS2 2 - Active Source	Analog Input	AI203	34	
2	40004	STS2 2 - Source 1 Volts A-B	Analog Input	AI204	35	V
2	40005	STS2 2 - Source 1 Volts B-C	Analog Input	AI205	36	V
2	40006	STS2 2 - Source 1 Volts C-A	Analog Input	AI206	37	V
2	40007	STS2 2 - Source 1 Current A	Analog Input	AI207	38	A
2	40008	STS2 2 - Source 1 Current B	Analog Input	AI208	39	A
2	40009	STS2 2 - Source 1 Current C	Analog Input	AI209	40	A
2	40010	STS2 2 - Source 1 Frequency	Analog Input	AI210	41	Hz
2	40011	STS2 2 - Source 2 Volts A-B	Analog Input	AI211	42	V
2	40012	STS2 2 - Source 2 Volts B-C	Analog Input	AI212	43	V
2	40013	STS2 2 - Source 2 Volts C-A	Analog Input	AI213	44	V
2	40014	STS2 2 - Source 2 Current A	Analog Input	AI214	45	A
2	40015	STS2 2 - Source 2 Current B	Analog Input	AI215	46	A
2	40016	STS2 2 - Source 2 Current C	Analog Input	AI216	47	A
2	40017	STS2 2 - Source 2 Frequency	Analog Input	AI217	48	Hz
2	40018	STS2 2 - Output kW	Analog Input	AI218	49	kW
2	40019	STS2 2 - Output kVA	Analog Input	AI219	50	kVA

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
2	40024.0	STS2 2 - CB 1 Status	Binary Input	BI201	51	
2	40024.1	STS2 2 - CB 2 Status	Binary Input	BI202	52	
2	40024.2	STS2 2 - CB 3 Status	Binary Input	BI203	53	
2	40024.3	STS2 2 - CB 3A Status	Binary Input	BI204	54	
2	40024.4	STS2 2 - CB 4 Status	Binary Input	BI205	55	
2	40024.5	STS2 2 - CB 5 Status	Binary Input	BI206	56	
2	40024.6	STS2 2 - CB Spare 1 Status	Binary Input	BI207	57	
2	40024.7	STS2 2 - CB Spare 2 Status	Binary Input	BI208	58	
2	40024.8	STS2 2 - CB 7 Status	Binary Input	BI209	59	
2	40024.9	STS2 2 - CB 8 Status	Binary Input	BI210	60	
2	40025.0	STS2 2 - Auto Xfer Enabled	Binary Input	BI211	61	
2	40025.1	STS2 2 - Has Dual Out Breakers	Binary Input	BI212	62	
2	40025.2	STS2 2 - Has PDU Equipped	Binary Input	BI213	63	
2	40025.3	STS2 2 - Has 4 pole Switch	Binary Input	BI214	64	
2	40025.4	STS2 2 - Has Shunt Trip	Binary Input	BI215	65	
2	40025.5	STS2 2 - Has Wye Out Xfmr	Binary Input	BI216	66	
2	40025.6	STS2 2 - Has Rmt Sorce Sel	Binary Input	BI217	67	
2	40025.7	STS2 2 - Manual I peak Reset	Binary Input	BI218	68	
2	40025.8	STS2 2 - Auto Restart Enabled	Binary Input	BI219	69	
2	40026	STS2 2 - LoadKVA %	Analog Input	AI220	70	%
2	40027	STS2 2 - Source 1 Volts A-N	Analog Input	AI221	71	V
2	40028	STS2 2 - Source 1 Volts B-N	Analog Input	AI222	72	V
2	40029	STS2 2 - Source 1 Volts C-N	Analog Input	AI223	73	V
2	40030	STS2 2 - Source 2 Volts A-N	Analog Input	AI224	74	V
2	40031	STS2 2 - Source 2 Volts B-N	Analog Input	AI225	75	V
2	40032	STS2 2 - Source 2 Volts C-N	Analog Input	AI226	76	V
2	40033	STS2 2 - Source 1 Neutral Current	Analog Input	AI227	77	A
2	40034	STS2 2 - Source 2 Neutral Current	Analog Input	AI228	78	A
2	40020	STS2 2 - Retransfer Delay	Analog Input	AI229	79	Seconds
2	40021	STS2 2 - STS2 Voltage Rating	Analog Input	AI230	80	V
2	40022	STS2 2 - Max Xfer Phase Angle	Analog Input	AI231	81	Degree
2	40023	STS2 2 - Freq. Deviation Trip Point	Analog Input	AI232	82	Hz
2	40035	STS2 2 - Source 1 Neutral Current Limit	Analog Input	AI233	83	A
2	40036	STS2 2 - Source 2 Neutral Current Limit	Analog Input	AI234	84	A
2	40289.0	STS2 2 - Communications Lost	Binary Input	BI220	85	
2	40289.1	STS2 2 - S1 SCR Short	Binary Input	BI221	86	
2	40289.2	STS2 2 - S2 SCR Short	Binary Input	BI222	87	
2	40289.3	STS2 2 - S1 SCR Open	Binary Input	BI223	88	
2	40289.4	STS2 2 - S2 SCR Open	Binary Input	BI224	89	
2	40289.5	STS2 2 - Primary Fan Fail	Binary Input	BI225	90	
2	40289.6	STS2 2 - Control Module Fail	Binary Input	BI226	91	
2	40289.7	STS2 2 - PWR Supply DC A Fail	Binary Input	BI227	92	
2	40289.8	STS2 2 - PWR Supply DC B Fail	Binary Input	BI228	93	
2	40289.9	STS2 2 - PWR Supply SRC 1 AC Fail	Binary Input	BI229	94	
2	40289.10	STS2 2 - PWR Supply SRC 2 AC Fail	Binary Input	BI230	95	
2	40289.11	STS2 2 - PWR Supply Logic Fail	Binary Input	BI231	96	
2	40289.12	STS2 2 - Output Voltage Sense Fail	Binary Input	BI232	97	
2	40289.13	STS2 2 - S1 Voltage Sense Fail	Binary Input	BI233	98	
2	40289.14	STS2 2 - S2 Voltage Sense Fail	Binary Input	BI234	99	
2	40289.15	STS2 2 - S1 SCR Sense Fail	Binary Input	BI235	100	

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
2	40290.0	STS2 2 - S2 SCR Sense Fail	Binary Input	BI236	101	
2	40290.1	STS2 2 - S1 Current Sense Fail	Binary Input	BI237	102	
2	40290.2	STS2 2 - S2 Current Sense Fail	Binary Input	BI238	103	
2	40290.3	STS2 2 - S1 Gate Drive Fail	Binary Input	BI239	104	
2	40290.4	STS2 2 - S2 Gate Drive Fail	Binary Input	BI240	105	
2	40290.5	STS2 2 - Internal Comm Fail	Binary Input	BI241	106	
2	40290.6	STS2 2 - External Comm Fail	Binary Input	BI242	107	
2	40290.7	STS2 2 - CB1 Shunt Trip Fail	Binary Input	BI243	108	
2	40290.8	STS2 2 - CB2 Shunt Trip Fail	Binary Input	BI244	109	
2	40290.9	STS2 2 - CB6 Neutral Open	Binary Input	BI245	110	
2	40290.10	STS2 2 - Contactor Neutral Fail	Binary Input	BI246	111	
2	40290.11	STS2 2 - Heatsink Overtemp	Binary Input	BI247	112	
2	40290.12	STS2 2 - Equipment Overtemp	Binary Input	BI248	113	
2	40290.13	STS2 2 - Ambient Overtemp	Binary Input	BI249	114	
2	40290.14	STS2 2 - S1 Undervolts	Binary Input	BI250	115	
2	40290.15	STS2 2 - S1 Undervolts (RMS)	Binary Input	BI251	116	
2	40291.0	STS2 2 - S1 Overvolts	Binary Input	BI252	117	
2	40291.1	STS2 2 - S1 Over/Under Freq	Binary Input	BI253	118	
2	40291.2	STS2 2 - S1 Fail	Binary Input	BI254	119	
2	40291.3	STS2 2 - S2 Undervolts	Binary Input	BI255	120	
2	40291.4	STS2 2 - S2 Undervolts (RMS)	Binary Input	BI256	121	
2	40291.5	STS2 2 - S2 Overvolts	Binary Input	BI257	122	
2	40291.6	STS2 2 - S2 Over/Under Frequency	Binary Input	BI258	123	
2	40291.7	STS2 2 - S2 Fail	Binary Input	BI259	124	
2	40291.8	STS2 2 - S1 Overcurrent	Binary Input	BI260	125	
2	40291.9	STS2 2 - S2 Overcurrent	Binary Input	BI261	126	
2	40291.10	STS2 2 - S1 I-Peak	Binary Input	BI262	127	
2	40291.11	STS2 2 - S2 I-Peak	Binary Input	BI263	128	
2	40291.12	STS2 2 - Sources Out of Sync	Binary Input	BI264	129	
2	40291.13	STS2 2 - Load On Alternate Source	Binary Input	BI265	130	
2	40291.14	STS2 2 - Auto Retransfer Inhibit	Binary Input	BI266	131	
2	40292.0	STS2 2 - CB1 (S1) Open	Binary Input	BI267	132	
2	40292.1	STS2 2 - CB2 (S2) Open	Binary Input	BI268	133	
2	40292.2	STS2 2 - CB4 (S1 BYP) Closed	Binary Input	BI269	134	
2	40292.3	STS2 2 - CB5 (S2 BYP) Closed	Binary Input	BI270	135	
2	40292.4	STS2 2 - CB3 Output Bkr Open	Binary Input	BI271	136	
2	40292.5	STS2 2 - CB3A Output Bkr Open	Binary Input	BI272	137	
2	40292.6	STS2 2 - S1 Phase Rotation Error	Binary Input	BI273	138	
2	40292.7	STS2 2 - S2 Phase Rotation Error	Binary Input	BI274	139	
2	40292.8	STS2 2 - Transfer Inhibited	Binary Input	BI275	140	
2	40292.9	STS2 2 - Output Undervoltage	Binary Input	BI276	141	
2	40292.10	STS2 2 - History Logs Full	Binary Input	BI277	142	
2	40292.11	STS2 2 - Equipment Fan Fail	Binary Input	BI278	143	
2	40292.12	STS2 2 - Load Volt THD High	Binary Input	BI279	144	
2	40292.13	STS2 2 - Load Over-current	Binary Input	BI280	145	
2	40292.14	STS2 2 - Ground Over-current	Binary Input	BI281	146	
2	40292.15	STS2 2 - Neutral Over-current	Binary Input	BI282	147	
2	40293.0	STS2 2 - Customer Alarm #1	Binary Input	BI283	148	
2	40293.1	STS2 2 - Customer Alarm #2	Binary Input	BI284	149	
2	40293.2	STS2 2 - Customer Alarm #3	Binary Input	BI285	150	

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
2	40293.3	STS2 2 - Customer Alarm #4	Binary Input	BI286	151	
2	40293.4	STS2 2 - Customer Alarm #5	Binary Input	BI287	152	
2	40293.5	STS2 2 - Customer Alarm #6	Binary Input	BI288	153	
2	40293.6	STS2 2 - Customer Alarm #7	Binary Input	BI289	154	
2	40293.7	STS2 2 - Customer Alarm #8	Binary Input	BI290	155	
2	40294.13	STS2 2 - Neutral Current 1 Over Limit	Binary Input	BI291	156	
2	40294.14	STS2 2 - Neutral Current 2 Over Limit	Binary Input	BI292	157	
2	40294.15	STS2 2 - Neutral Snubber Fail	Binary Input	BI293	158	
2	40295.0	STS2 2 - Neutral 1 SCR Short	Binary Input	BI294	159	
2	40295.1	STS2 2 - Neutral 2 SCR Short	Binary Input	BI295	160	
2	40295.2	STS2 2 - Neutral 1 SCR Open	Binary Input	BI296	161	
2	40295.3	STS2 2 - Neutral 2 SCR Open	Binary Input	BI297	162	
3	40001	STS2 3 - Total Transfer Count	Analog Input	AI301	163	-
3	40002	STS2 3 - Preferred Source	Analog Input	AI302	164	
3	40003	STS2 3 - Active Source	Analog Input	AI303	165	
3	40004	STS2 3 - Source 1 Volts A-B	Analog Input	AI304	166	V
3	40005	STS2 3 - Source 1 Volts B-C	Analog Input	AI305	167	V
3	40006	STS2 3 - Source 1 Volts C-A	Analog Input	AI306	168	V
3	40007	STS2 3 - Source 1 Current A	Analog Input	AI307	169	A
3	40008	STS2 3 - Source 1 Current B	Analog Input	AI308	170	A
3	40009	STS2 3 - Source 1 Current C	Analog Input	AI309	171	A
3	40010	STS2 3 - Source 1 Frequency	Analog Input	AI310	172	Hz
3	40011	STS2 3 - Source 2 Volts A-B	Analog Input	AI311	173	V
3	40012	STS2 3 - Source 2 Volts B-C	Analog Input	AI312	174	V
3	40013	STS2 3 - Source 2 Volts C-A	Analog Input	AI313	175	V
3	40014	STS2 3 - Source 2 Current A	Analog Input	AI314	176	A
3	40015	STS2 3 - Source 2 Current B	Analog Input	AI315	177	A
3	40016	STS2 3 - Source 2 Current C	Analog Input	AI316	178	A
3	40017	STS2 3 - Source 2 Frequency	Analog Input	AI317	179	Hz
3	40018	STS2 3 - Output kW	Analog Input	AI318	180	kW
3	40019	STS2 3 - Output kVA	Analog Input	AI319	181	kVA
3	40024.0	STS2 3 - CB 1 Status	Binary Input	BI301	182	
3	40024.1	STS2 3 - CB 2 Status	Binary Input	BI302	183	
3	40024.2	STS2 3 - CB 3 Status	Binary Input	BI303	184	
3	40024.3	STS2 3 - CB 3A Status	Binary Input	BI304	185	
3	40024.4	STS2 3 - CB 4 Status	Binary Input	BI305	186	
3	40024.5	STS2 3 - CB 5 Status	Binary Input	BI306	187	
3	40024.6	STS2 3 - CB Spare 1 Status	Binary Input	BI307	188	
3	40024.7	STS2 3 - CB Spare 2 Status	Binary Input	BI308	189	
3	40024.8	STS2 3 - CB 7 Status	Binary Input	BI309	190	
3	40024.9	STS2 3 - CB 8 Status	Binary Input	BI310	191	
3	40025.0	STS2 3 - Auto Xfer Enabled	Binary Input	BI311	192	
3	40025.1	STS2 3 - Has Dual Out Breakers	Binary Input	BI312	193	
3	40025.2	STS2 3 - Has PDU Equipped	Binary Input	BI313	194	
3	40025.3	STS2 3 - Has 4 pole Switch	Binary Input	BI314	195	
3	40025.4	STS2 3 - Has Shunt Trip	Binary Input	BI315	196	
3	40025.5	STS2 3 - Has Wye Out Xfmr	Binary Input	BI316	197	
3	40025.6	STS2 3 - Has Rmt Sorce Sel	Binary Input	BI317	198	
3	40025.7	STS2 3 - Manual I peak Reset	Binary Input	BI318	199	
3	40025.8	STS2 3 - Auto Restart Enabled	Binary Input	BI319	200	

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
3	40026	STS2 3 - LoadKVA %	Analog Input	AI320	201	%
3	40027	STS2 3 - Source 1 Volts A-N	Analog Input	AI321	202	V
3	40028	STS2 3 - Source 1 Volts B-N	Analog Input	AI322	203	V
3	40029	STS2 3 - Source 1 Volts C-N	Analog Input	AI323	204	V
3	40030	STS2 3 - Source 2 Volts A-N	Analog Input	AI324	205	V
3	40031	STS2 3 - Source 2 Volts B-N	Analog Input	AI325	206	V
3	40032	STS2 3 - Source 2 Volts C-N	Analog Input	AI326	207	V
3	40033	STS2 3 - Source 1 Neutral Current	Analog Input	AI327	208	A
3	40034	STS2 3 - Source 2 Neutral Current	Analog Input	AI328	209	A
3	40020	STS2 3 - Retransfer Delay	Analog Input	AI329	210	Seconds
3	40021	STS2 3 - STS2 Voltage Rating	Analog Input	AI330	211	V
3	40022	STS2 3 - Max Xfer Phase Angle	Analog Input	AI331	212	Degree
3	40023	STS2 3 - Freq. Deviation Trip Point	Analog Input	AI332	213	Hz
3	40035	STS2 3 - Source 1 Neutral Current Limit	Analog Input	AI333	214	A
3	40036	STS2 3 - Source 2 Neutral Current Limit	Analog Input	AI334	215	A
3	40289.0	STS2 3 - Communications Lost	Binary Input	BI320	216	
3	40289.1	STS2 3 - S1 SCR Short	Binary Input	BI321	217	
3	40289.2	STS2 3 - S2 SCR Short	Binary Input	BI322	218	
3	40289.3	STS2 3 - S1 SCR Open	Binary Input	BI323	219	
3	40289.4	STS2 3 - S2 SCR Open	Binary Input	BI324	220	
3	40289.5	STS2 3 - Primary Fan Fail	Binary Input	BI325	221	
3	40289.6	STS2 3 - Control Module Fail	Binary Input	BI326	222	
3	40289.7	STS2 3 - PWR Supply DC A Fail	Binary Input	BI327	223	
3	40289.8	STS2 3 - PWR Supply DC B Fail	Binary Input	BI328	224	
3	40289.9	STS2 3 - PWR Supply SRC 1 AC Fail	Binary Input	BI329	225	
3	40289.10	STS2 3 - PWR Supply SRC 2 AC Fail	Binary Input	BI330	226	
3	40289.11	STS2 3 - PWR Supply Logic Fail	Binary Input	BI331	227	
3	40289.12	STS2 3 - Output Voltage Sense Fail	Binary Input	BI332	228	
3	40289.13	STS2 3 - S1 Voltage Sense Fail	Binary Input	BI333	229	
3	40289.14	STS2 3 - S2 Voltage Sense Fail	Binary Input	BI334	230	
3	40289.15	STS2 3 - S1 SCR Sense Fail	Binary Input	BI335	231	
3	40290.0	STS2 3 - S2 SCR Sense Fail	Binary Input	BI336	232	
3	40290.1	STS2 3 - S1 Current Sense Fail	Binary Input	BI337	233	
3	40290.2	STS2 3 - S2 Current Sense Fail	Binary Input	BI338	234	
3	40290.3	STS2 3 - S1 Gate Drive Fail	Binary Input	BI339	235	
3	40290.4	STS2 3 - S2 Gate Drive Fail	Binary Input	BI340	236	
3	40290.5	STS2 3 - Internal Comm Fail	Binary Input	BI341	237	
3	40290.6	STS2 3 - External Comm Fail	Binary Input	BI342	238	
3	40290.7	STS2 3 - CB1 Shunt Trip Fail	Binary Input	BI343	239	
3	40290.8	STS2 3 - CB2 Shunt Trip Fail	Binary Input	BI344	240	
3	40290.9	STS2 3 - CB6 Neutral Open	Binary Input	BI345	241	
3	40290.10	STS2 3 - Contactor Neutral Fail	Binary Input	BI346	242	
3	40290.11	STS2 3 - Heatsink Overtemp	Binary Input	BI347	243	
3	40290.12	STS2 3 - Equipment Overtemp	Binary Input	BI348	244	
3	40290.13	STS2 3 - Ambient Overtemp	Binary Input	BI349	245	
3	40290.14	STS2 3 - S1 Undervolts	Binary Input	BI350	246	
3	40290.15	STS2 3 - S1 Undervolts (RMS)	Binary Input	BI351	247	
3	40291.0	STS2 3 - S1 Overvolts	Binary Input	BI352	248	
3	40291.1	STS2 3 - S1 Over/Under Freq	Binary Input	BI353	249	
3	40291.2	STS2 3 - S1 Fail	Binary Input	BI354	250	

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
3	40291.3	STS2 3 - S2 Undervolts	Binary Input	BI355	251	
3	40291.4	STS2 3 - S2 Undervolts (RMS)	Binary Input	BI356	252	
3	40291.5	STS2 3 - S2 Overvolts	Binary Input	BI357	253	
3	40291.6	STS2 3 - S2 Over/Under Frequency	Binary Input	BI358	254	
3	40291.7	STS2 3 - S2 Fail	Binary Input	BI359	255	
3	40291.8	STS2 3 - S1 Overcurrent	Binary Input	BI360	256	
3	40291.9	STS2 3 - S2 Overcurrent	Binary Input	BI361	257	
3	40291.10	STS2 3 - S1 I-Peak	Binary Input	BI362	258	
3	40291.11	STS2 3 - S2 I-Peak	Binary Input	BI363	259	
3	40291.12	STS2 3 - Sources Out of Sync	Binary Input	BI364	260	
3	40291.13	STS2 3 - Load On Alternate Source	Binary Input	BI365	261	
3	40291.14	STS2 3 - Auto Retransfer Inhibit	Binary Input	BI366	262	
3	40292.0	STS2 3 - CB1 (S1) Open	Binary Input	BI367	263	
3	40292.1	STS2 3 - CB2 (S2) Open	Binary Input	BI368	264	
3	40292.2	STS2 3 - CB4 (S1 BYP) Closed	Binary Input	BI369	265	
3	40292.3	STS2 3 - CB5 (S2 BYP) Closed	Binary Input	BI370	266	
3	40292.4	STS2 3 - CB3 Output Bkr Open	Binary Input	BI371	267	
3	40292.5	STS2 3 - CB3A Output Bkr Open	Binary Input	BI372	268	
3	40292.6	STS2 3 - S1 Phase Rotation Error	Binary Input	BI373	269	
3	40292.7	STS2 3 - S2 Phase Rotation Error	Binary Input	BI374	270	
3	40292.8	STS2 3 - Transfer Inhibited	Binary Input	BI375	271	
3	40292.9	STS2 3 - Output Undervoltage	Binary Input	BI376	272	
3	40292.10	STS2 3 - History Logs Full	Binary Input	BI377	273	
3	40292.11	STS2 3 - Equipment Fan Fail	Binary Input	BI378	274	
3	40292.12	STS2 3 - Load Volt THD High	Binary Input	BI379	275	
3	40292.13	STS2 3 - Load Over-current	Binary Input	BI380	276	
3	40292.14	STS2 3 - Ground Over-current	Binary Input	BI381	277	
3	40292.15	STS2 3 - Neutral Over-current	Binary Input	BI382	278	
3	40293.0	STS2 3 - Customer Alarm #1	Binary Input	BI383	279	
3	40293.1	STS2 3 - Customer Alarm #2	Binary Input	BI384	280	
3	40293.2	STS2 3 - Customer Alarm #3	Binary Input	BI385	281	
3	40293.3	STS2 3 - Customer Alarm #4	Binary Input	BI386	282	
3	40293.4	STS2 3 - Customer Alarm #5	Binary Input	BI387	283	
3	40293.5	STS2 3 - Customer Alarm #6	Binary Input	BI388	284	
3	40293.6	STS2 3 - Customer Alarm #7	Binary Input	BI389	285	
3	40293.7	STS2 3 - Customer Alarm #8	Binary Input	BI390	286	
3	40294.13	STS2 3 - Neutral Current 1 Over Limit	Binary Input	BI391	287	
3	40294.14	STS2 3 - Neutral Current 2 Over Limit	Binary Input	BI392	288	
3	40294.15	STS2 3 - Neutral Snubber Fail	Binary Input	BI393	289	
3	40295.0	STS2 3 - Neutral 1 SCR Short	Binary Input	BI394	290	
3	40295.1	STS2 3 - Neutral 2 SCR Short	Binary Input	BI395	291	
3	40295.2	STS2 3 - Neutral 1 SCR Open	Binary Input	BI396	292	
3	40295.3	STS2 3 - Neutral 2 SCR Open	Binary Input	BI397	293	
4	40001	STS2 4 - Total Transfer Count	Analog Input	AI401	294	-
4	40002	STS2 4 - Preferred Source	Analog Input	AI402	295	
4	40003	STS2 4 - Active Source	Analog Input	AI403	296	
4	40004	STS2 4 - Source 1 Volts A-B	Analog Input	AI404	297	V
4	40005	STS2 4 - Source 1 Volts B-C	Analog Input	AI405	298	V
4	40006	STS2 4 - Source 1 Volts C-A	Analog Input	AI406	299	V
4	40007	STS2 4 - Source 1 Current A	Analog Input	AI407	300	A

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
4	40008	STS2 4 - Source 1 Current B	Analog Input	AI408	101	A
4	40009	STS2 4 - Source 1 Current C	Analog Input	AI409	102	A
4	40010	STS2 4 - Source 1 Frequency	Analog Input	AI410	103	Hz
4	40011	STS2 4 - Source 2 Volts A-B	Analog Input	AI411	104	V
4	40012	STS2 4 - Source 2 Volts B-C	Analog Input	AI412	105	V
4	40013	STS2 4 - Source 2 Volts C-A	Analog Input	AI413	106	V
4	40014	STS2 4 - Source 2 Current A	Analog Input	AI414	107	A
4	40015	STS2 4 - Source 2 Current B	Analog Input	AI415	108	A
4	40016	STS2 4 - Source 2 Current C	Analog Input	AI416	109	A
4	40017	STS2 4 - Source 2 Frequency	Analog Input	AI417	110	Hz
4	40018	STS2 4 - Output kW	Analog Input	AI418	111	kW
4	40019	STS2 4 - Output kVA	Analog Input	AI419	112	kVA
4	40024.0	STS2 4 - CB 1 Status	Binary Input	BI401	113	
4	40024.1	STS2 4 - CB 2 Status	Binary Input	BI402	114	
4	40024.2	STS2 4 - CB 3 Status	Binary Input	BI403	115	
4	40024.3	STS2 4 - CB 3A Status	Binary Input	BI404	116	
4	40024.4	STS2 4 - CB 4 Status	Binary Input	BI405	117	
4	40024.5	STS2 4 - CB 5 Status	Binary Input	BI406	118	
4	40024.6	STS2 4 - CB Spare 1 Status	Binary Input	BI407	119	
4	40024.7	STS2 4 - CB Spare 2 Status	Binary Input	BI408	120	
4	40024.8	STS2 4 - CB 7 Status	Binary Input	BI409	121	
4	40024.9	STS2 4 - CB 8 Status	Binary Input	BI410	122	
4	40025.0	STS2 4 - Auto Xfer Enabled	Binary Input	BI411	123	
4	40025.1	STS2 4 - Has Dual Out Breakers	Binary Input	BI412	124	
4	40025.2	STS2 4 - Has PDU Equipped	Binary Input	BI413	125	
4	40025.3	STS2 4 - Has 4 pole Switch	Binary Input	BI414	126	
4	40025.4	STS2 4 - Has Shunt Trip	Binary Input	BI415	127	
4	40025.5	STS2 4 - Has Wye Out Xfmr	Binary Input	BI416	128	
4	40025.6	STS2 4 - Has Rmt Sorce Sel	Binary Input	BI417	129	
4	40025.7	STS2 4 - Manual I peak Reset	Binary Input	BI418	130	
4	40025.8	STS2 4 - Auto Restart Enabled	Binary Input	BI419	131	
4	40026	STS2 4 - LoadKVA %	Analog Input	AI420	132	%
4	40027	STS2 4 - Source 1 Volts A-N	Analog Input	AI421	133	V
4	40028	STS2 4 - Source 1 Volts B-N	Analog Input	AI422	134	V
4	40029	STS2 4 - Source 1 Volts C-N	Analog Input	AI423	135	V
4	40030	STS2 4 - Source 2 Volts A-N	Analog Input	AI424	136	V
4	40031	STS2 4 - Source 2 Volts B-N	Analog Input	AI425	137	V
4	40032	STS2 4 - Source 2 Volts C-N	Analog Input	AI426	138	V
4	40033	STS2 4 - Source 1 Neutral Current	Analog Input	AI427	139	A
4	40034	STS2 4 - Source 2 Neutral Current	Analog Input	AI428	140	A
4	40020	STS2 4 - Retransfer Delay	Analog Input	AI429	141	Seconds
4	40021	STS2 4 - STS2 Voltage Rating	Analog Input	AI430	142	V
4	40022	STS2 4 - Max Xfer Phase Angle	Analog Input	AI431	143	Degree
4	40023	STS2 4 - Freq. Deviation Trip Point	Analog Input	AI432	144	Hz
4	40035	STS2 4 - Source 1 Neutral Current Limit	Analog Input	AI433	145	A
4	40036	STS2 4 - Source 2 Neutral Current Limit	Analog Input	AI434	146	A
4	40289.0	STS2 4 - Communications Lost	Binary Input	BI420	147	
4	40289.1	STS2 4 - S1 SCR Short	Binary Input	BI421	148	
4	40289.2	STS2 4 - S2 SCR Short	Binary Input	BI422	149	
4	40289.3	STS2 4 - S1 SCR Open	Binary Input	BI423	150	

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
4	40289.4	STS2 4 - S2 SCR Open	Binary Input	BI424	151	
4	40289.5	STS2 4 - Primary Fan Fail	Binary Input	BI425	152	
4	40289.6	STS2 4 - Control Module Fail	Binary Input	BI426	153	
4	40289.7	STS2 4 - PWR Supply DC A Fail	Binary Input	BI427	154	
4	40289.8	STS2 4 - PWR Supply DC B Fail	Binary Input	BI428	155	
4	40289.9	STS2 4 - PWR Supply SRC 1 AC Fail	Binary Input	BI429	156	
4	40289.10	STS2 4 - PWR Supply SRC 2 AC Fail	Binary Input	BI430	157	
4	40289.11	STS2 4 - PWR Supply Logic Fail	Binary Input	BI431	158	
4	40289.12	STS2 4 - Output Voltage Sense Fail	Binary Input	BI432	159	
4	40289.13	STS2 4 - S1 Voltage Sense Fail	Binary Input	BI433	160	
4	40289.14	STS2 4 - S2 Voltage Sense Fail	Binary Input	BI434	161	
4	40289.15	STS2 4 - S1 SCR Sense Fail	Binary Input	BI435	162	
4	40290.0	STS2 4 - S2 SCR Sense Fail	Binary Input	BI436	163	
4	40290.1	STS2 4 - S1 Current Sense Fail	Binary Input	BI437	164	
4	40290.2	STS2 4 - S2 Current Sense Fail	Binary Input	BI438	165	
4	40290.3	STS2 4 - S1 Gate Drive Fail	Binary Input	BI439	166	
4	40290.4	STS2 4 - S2 Gate Drive Fail	Binary Input	BI440	167	
4	40290.5	STS2 4 - Internal Comm Fail	Binary Input	BI441	168	
4	40290.6	STS2 4 - External Comm Fail	Binary Input	BI442	169	
4	40290.7	STS2 4 - CB1 Shunt Trip Fail	Binary Input	BI443	170	
4	40290.8	STS2 4 - CB2 Shunt Trip Fail	Binary Input	BI444	301	
4	40290.9	STS2 4 - CB6 Neutral Open	Binary Input	BI445	302	
4	40290.10	STS2 4 - Contactor Neutral Fail	Binary Input	BI446	303	
4	40290.11	STS2 4 - Heatsink Overtemp	Binary Input	BI447	304	
4	40290.12	STS2 4 - Equipment Overtemp	Binary Input	BI448	305	
4	40290.13	STS2 4 - Ambient Overtemp	Binary Input	BI449	306	
4	40290.14	STS2 4 - S1 Undervolts	Binary Input	BI450	307	
4	40290.15	STS2 4 - S1 Undervolts (RMS)	Binary Input	BI451	308	
4	40291.0	STS2 4 - S1 Overvolts	Binary Input	BI452	309	
4	40291.1	STS2 4 - S1 Over/Under Freq	Binary Input	BI453	310	
4	40291.2	STS2 4 - S1 Fail	Binary Input	BI454	311	
4	40291.3	STS2 4 - S2 Undervolts	Binary Input	BI455	312	
4	40291.4	STS2 4 - S2 Undervolts (RMS)	Binary Input	BI456	313	
4	40291.5	STS2 4 - S2 Overvolts	Binary Input	BI457	314	
4	40291.6	STS2 4 - S2 Over/Under Frequency	Binary Input	BI458	315	
4	40291.7	STS2 4 - S2 Fail	Binary Input	BI459	316	
4	40291.8	STS2 4 - S1 Overcurrent	Binary Input	BI460	317	
4	40291.9	STS2 4 - S2 Overcurrent	Binary Input	BI461	318	
4	40291.10	STS2 4 - S1 I-Peak	Binary Input	BI462	319	
4	40291.11	STS2 4 - S2 I-Peak	Binary Input	BI463	320	
4	40291.12	STS2 4 - Sources Out of Sync	Binary Input	BI464	321	
4	40291.13	STS2 4 - Load On Alternate Source	Binary Input	BI465	322	
4	40291.14	STS2 4 - Auto Retransfer Inhibit	Binary Input	BI466	323	
4	40292.0	STS2 4 - CB1 (S1) Open	Binary Input	BI467	324	
4	40292.1	STS2 4 - CB2 (S2) Open	Binary Input	BI468	325	
4	40292.2	STS2 4 - CB4 (S1 BYP) Closed	Binary Input	BI469	326	
4	40292.3	STS2 4 - CB5 (S2 BYP) Closed	Binary Input	BI470	327	
4	40292.4	STS2 4 - CB3 Output Bkr Open	Binary Input	BI471	328	
4	40292.5	STS2 4 - CB3A Output Bkr Open	Binary Input	BI472	329	
4	40292.6	STS2 4 - S1 Phase Rotation Error	Binary Input	BI473	330	

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
4	40292.7	STS2 4 - S2 Phase Rotation Error	Binary Input	BI474	331	
4	40292.8	STS2 4 - Transfer Inhibited	Binary Input	BI475	332	
4	40292.9	STS2 4 - Output Undervoltage	Binary Input	BI476	333	
4	40292.10	STS2 4 - History Logs Full	Binary Input	BI477	334	
4	40292.11	STS2 4 - Equipment Fan Fail	Binary Input	BI478	335	
4	40292.12	STS2 4 - Load Volt THD High	Binary Input	BI479	336	
4	40292.13	STS2 4 - Load Over-current	Binary Input	BI480	337	
4	40292.14	STS2 4 - Ground Over-current	Binary Input	BI481	338	
4	40292.15	STS2 4 - Neutral Over-current	Binary Input	BI482	339	
4	40293.0	STS2 4 - Customer Alarm #1	Binary Input	BI483	340	
4	40293.1	STS2 4 - Customer Alarm #2	Binary Input	BI484	341	
4	40293.2	STS2 4 - Customer Alarm #3	Binary Input	BI485	342	
4	40293.3	STS2 4 - Customer Alarm #4	Binary Input	BI486	343	
4	40293.4	STS2 4 - Customer Alarm #5	Binary Input	BI487	344	
4	40293.5	STS2 4 - Customer Alarm #6	Binary Input	BI488	345	
4	40293.6	STS2 4 - Customer Alarm #7	Binary Input	BI489	346	
4	40293.7	STS2 4 - Customer Alarm #8	Binary Input	BI490	347	
4	40294.13	STS2 4 - Neutral Current 1 Over Limit	Binary Input	BI491	348	
4	40294.14	STS2 4 - Neutral Current 2 Over Limit	Binary Input	BI492	349	
4	40294.15	STS2 4 - Neutral Snubber Fail	Binary Input	BI493	350	
4	40295.0	STS2 4 - Neutral 1 SCR Short	Binary Input	BI494	351	
4	40295.1	STS2 4 - Neutral 2 SCR Short	Binary Input	BI495	352	
4	40295.2	STS2 4 - Neutral 1 SCR Open	Binary Input	BI496	353	
4	40295.3	STS2 4 - Neutral 2 SCR Open	Binary Input	BI497	354	
5	40001	STS2 5 - Total Transfer Count	Analog Input	AI501	355	-
5	40002	STS2 5 - Preferred Source	Analog Input	AI502	356	
5	40003	STS2 5 - Active Source	Analog Input	AI503	357	
5	40004	STS2 5 - Source 1 Volts A-B	Analog Input	AI504	358	V
5	40005	STS2 5 - Source 1 Volts B-C	Analog Input	AI505	359	V
5	40006	STS2 5 - Source 1 Volts C-A	Analog Input	AI506	360	V
5	40007	STS2 5 - Source 1 Current A	Analog Input	AI507	361	A
5	40008	STS2 5 - Source 1 Current B	Analog Input	AI508	362	A
5	40009	STS2 5 - Source 1 Current C	Analog Input	AI509	363	A
5	40010	STS2 5 - Source 1 Frequency	Analog Input	AI510	364	Hz
5	40011	STS2 5 - Source 2 Volts A-B	Analog Input	AI511	365	V
5	40012	STS2 5 - Source 2 Volts B-C	Analog Input	AI512	366	V
5	40013	STS2 5 - Source 2 Volts C-A	Analog Input	AI513	367	V
5	40014	STS2 5 - Source 2 Current A	Analog Input	AI514	368	A
5	40015	STS2 5 - Source 2 Current B	Analog Input	AI515	369	A
5	40016	STS2 5 - Source 2 Current C	Analog Input	AI516	370	A
5	40017	STS2 5 - Source 2 Frequency	Analog Input	AI517	371	Hz
5	40018	STS2 5 - Output kW	Analog Input	AI518	372	kW
5	40019	STS2 5 - Output kVA	Analog Input	AI519	373	kVA
5	40024.0	STS2 5 - CB 1 Status	Binary Input	BI501	374	
5	40024.1	STS2 5 - CB 2 Status	Binary Input	BI502	375	
5	40024.2	STS2 5 - CB 3 Status	Binary Input	BI503	376	
5	40024.3	STS2 5 - CB 3A Status	Binary Input	BI504	377	
5	40024.4	STS2 5 - CB 4 Status	Binary Input	BI505	378	
5	40024.5	STS2 5 - CB 5 Status	Binary Input	BI506	379	
5	40024.6	STS2 5 - CB Spare 1 Status	Binary Input	BI507	380	

Modbus RTU		BACnet MS/TP				
Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
5	40024.7	STS2 5 - CB Spare 2 Status	Binary Input	BI508	381	
5	40024.8	STS2 5 - CB 7 Status	Binary Input	BI509	382	
5	40024.9	STS2 5 - CB 8 Status	Binary Input	BI510	383	
5	40025.0	STS2 5 - Auto Xfer Enabled	Binary Input	BI511	384	
5	40025.1	STS2 5 - Has Dual Out Breakers	Binary Input	BI512	385	
5	40025.2	STS2 5 - Has PDU Equipped	Binary Input	BI513	386	
5	40025.3	STS2 5 - Has 4 pole Switch	Binary Input	BI514	387	
5	40025.4	STS2 5 - Has Shunt Trip	Binary Input	BI515	388	
5	40025.5	STS2 5 - Has Wye Out Xfmr	Binary Input	BI516	389	
5	40025.6	STS2 5 - Has Rmt Sorce Sel	Binary Input	BI517	390	
5	40025.7	STS2 5 - Manual I peak Reset	Binary Input	BI518	391	
5	40025.8	STS2 5 - Auto Restart Enabled	Binary Input	BI519	392	
5	40026	STS2 5 - LoadKVA %	Analog Input	AI520	393	%
5	40027	STS2 5 - Source 1 Volts A-N	Analog Input	AI521	394	V
5	40028	STS2 5 - Source 1 Volts B-N	Analog Input	AI522	395	V
5	40029	STS2 5 - Source 1 Volts C-N	Analog Input	AI523	396	V
5	40030	STS2 5 - Source 2 Volts A-N	Analog Input	AI524	397	V
5	40031	STS2 5 - Source 2 Volts B-N	Analog Input	AI525	398	V
5	40032	STS2 5 - Source 2 Volts C-N	Analog Input	AI526	399	V
5	40033	STS2 5 - Source 1 Neutral Current	Analog Input	AI527	400	A
5	40034	STS2 5 - Source 2 Neutral Current	Analog Input	AI528	401	A
5	40020	STS2 5 - Retransfer Delay	Analog Input	AI529	402	Seconds
5	40021	STS2 5 - STS2 Voltage Rating	Analog Input	AI530	403	V
5	40022	STS2 5 - Max Xfer Phase Angle	Analog Input	AI531	404	Degree
5	40023	STS2 5 - Freq. Deviation Trip Point	Analog Input	AI532	405	Hz
5	40035	STS2 5 - Source 1 Neutral Current Limit	Analog Input	AI533	406	A
5	40036	STS2 5 - Source 2 Neutral Current Limit	Analog Input	AI534	407	A
5	40289.0	STS2 5 - Communications Lost	Binary Input	BI520	408	
5	40289.1	STS2 5 - S1 SCR Short	Binary Input	BI521	409	
5	40289.2	STS2 5 - S2 SCR Short	Binary Input	BI522	410	
5	40289.3	STS2 5 - S1 SCR Open	Binary Input	BI523	411	
5	40289.4	STS2 5 - S2 SCR Open	Binary Input	BI524	412	
5	40289.5	STS2 5 - Primary Fan Fail	Binary Input	BI525	413	
5	40289.6	STS2 5 - Control Module Fail	Binary Input	BI526	414	
5	40289.7	STS2 5 - PWR Supply DC A Fail	Binary Input	BI527	415	
5	40289.8	STS2 5 - PWR Supply DC B Fail	Binary Input	BI528	416	
5	40289.9	STS2 5 - PWR Supply SRC 1 AC Fail	Binary Input	BI529	417	
5	40289.10	STS2 5 - PWR Supply SRC 2 AC Fail	Binary Input	BI530	418	
5	40289.11	STS2 5 - PWR Supply Logic Fail	Binary Input	BI531	419	
5	40289.12	STS2 5 - Output Voltage Sense Fail	Binary Input	BI532	420	
5	40289.13	STS2 5 - S1 Voltage Sense Fail	Binary Input	BI533	421	
5	40289.14	STS2 5 - S2 Voltage Sense Fail	Binary Input	BI534	422	
5	40289.15	STS2 5 - S1 SCR Sense Fail	Binary Input	BI535	423	
5	40290.0	STS2 5 - S2 SCR Sense Fail	Binary Input	BI536	424	
5	40290.1	STS2 5 - S1 Current Sense Fail	Binary Input	BI537	425	
5	40290.2	STS2 5 - S2 Current Sense Fail	Binary Input	BI538	426	
5	40290.3	STS2 5 - S1 Gate Drive Fail	Binary Input	BI539	427	
5	40290.4	STS2 5 - S2 Gate Drive Fail	Binary Input	BI540	428	
5	40290.5	STS2 5 - Internal Comm Fail	Binary Input	BI541	429	
5	40290.6	STS2 5 - External Comm Fail	Binary Input	BI542	430	

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Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
5	40290.7	STS2 5 - CB1 Shunt Trip Fail	Binary Input	BI543	431	
5	40290.8	STS2 5 - CB2 Shunt Trip Fail	Binary Input	BI544	432	
5	40290.9	STS2 5 - CB6 Neutral Open	Binary Input	BI545	433	
5	40290.10	STS2 5 - Contactor Neutral Fail	Binary Input	BI546	434	
5	40290.11	STS2 5 - Heatsink Overtemp	Binary Input	BI547	435	
5	40290.12	STS2 5 - Equipment Overtemp	Binary Input	BI548	436	
5	40290.13	STS2 5 - Ambient Overtemp	Binary Input	BI549	437	
5	40290.14	STS2 5 - S1 Undervolts	Binary Input	BI550	438	
5	40290.15	STS2 5 - S1 Undervolts (RMS)	Binary Input	BI551	439	
5	40291.0	STS2 5 - S1 Overvolts	Binary Input	BI552	440	
5	40291.1	STS2 5 - S1 Over/Under Freq	Binary Input	BI553	441	
5	40291.2	STS2 5 - S1 Fail	Binary Input	BI554	442	
5	40291.3	STS2 5 - S2 Undervolts	Binary Input	BI555	443	
5	40291.4	STS2 5 - S2 Undervolts (RMS)	Binary Input	BI556	444	
5	40291.5	STS2 5 - S2 Overvolts	Binary Input	BI557	445	
5	40291.6	STS2 5 - S2 Over/Under Frequency	Binary Input	BI558	446	
5	40291.7	STS2 5 - S2 Fail	Binary Input	BI559	447	
5	40291.8	STS2 5 - S1 Overcurrent	Binary Input	BI560	448	
5	40291.9	STS2 5 - S2 Overcurrent	Binary Input	BI561	449	
5	40291.10	STS2 5 - S1 I-Peak	Binary Input	BI562	450	
5	40291.11	STS2 5 - S2 I-Peak	Binary Input	BI563	451	
5	40291.12	STS2 5 - Sources Out of Sync	Binary Input	BI564	452	
5	40291.13	STS2 5 - Load On Alternate Source	Binary Input	BI565	453	
5	40291.14	STS2 5 - Auto Retransfer Inhibit	Binary Input	BI566	454	
5	40292.0	STS2 5 - CB1 (S1) Open	Binary Input	BI567	455	
5	40292.1	STS2 5 - CB2 (S2) Open	Binary Input	BI568	456	
5	40292.2	STS2 5 - CB4 (S1 BYP) Closed	Binary Input	BI569	457	
5	40292.3	STS2 5 - CB5 (S2 BYP) Closed	Binary Input	BI570	458	
5	40292.4	STS2 5 - CB3 Output Bkr Open	Binary Input	BI571	459	
5	40292.5	STS2 5 - CB3A Output Bkr Open	Binary Input	BI572	460	
5	40292.6	STS2 5 - S1 Phase Rotation Error	Binary Input	BI573	461	
5	40292.7	STS2 5 - S2 Phase Rotation Error	Binary Input	BI574	462	
5	40292.8	STS2 5 - Transfer Inhibited	Binary Input	BI575	463	
5	40292.9	STS2 5 - Output Undervoltage	Binary Input	BI576	464	
5	40292.10	STS2 5 - History Logs Full	Binary Input	BI577	465	
5	40292.11	STS2 5 - Equipment Fan Fail	Binary Input	BI578	466	
5	40292.12	STS2 5 - Load Volt THD High	Binary Input	BI579	467	
5	40292.13	STS2 5 - Load Over-current	Binary Input	BI580	468	
5	40292.14	STS2 5 - Ground Over-current	Binary Input	BI581	469	
5	40292.15	STS2 5 - Neutral Over-current	Binary Input	BI582	470	
5	40293.0	STS2 5 - Customer Alarm #1	Binary Input	BI583	471	
5	40293.1	STS2 5 - Customer Alarm #2	Binary Input	BI584	472	
5	40293.2	STS2 5 - Customer Alarm #3	Binary Input	BI585	473	
5	40293.3	STS2 5 - Customer Alarm #4	Binary Input	BI586	474	
5	40293.4	STS2 5 - Customer Alarm #5	Binary Input	BI587	475	
5	40293.5	STS2 5 - Customer Alarm #6	Binary Input	BI588	476	
5	40293.6	STS2 5 - Customer Alarm #7	Binary Input	BI589	477	
5	40293.7	STS2 5 - Customer Alarm #8	Binary Input	BI590	478	
5	40294.13	STS2 5 - Neutral Current 1 Over Limit	Binary Input	BI591	479	
5	40294.14	STS2 5 - Neutral Current 2 Over Limit	Binary Input	BI592	480	

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Slave ID	Endereço	Descrição	Object Type	Object Name	Instance ID	Unidade Eng
5	40294.15	STS2 5 - Neutral Snubber Fail	Binary Input	BI593	481	
5	40295.0	STS2 5 - Neutral 1 SCR Short	Binary Input	BI594	482	
5	40295.1	STS2 5 - Neutral 2 SCR Short	Binary Input	BI595	483	
5	40295.2	STS2 5 - Neutral 1 SCR Open	Binary Input	BI596	484	
5	40295.3	STS2 5 - Neutral 2 SCR Open	Binary Input	BI597	485	