



SIEMENS BT300

BACNET PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT (PICS)

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2 BT300 FREQUENCY CONVERTER

Date	28.12.2015
Vendor Name	Siemens BT
Product model number	BT300
BACnet protocol version	1.12
Application software version	1.1 (Bacnet application software)
Firmware revision	1.1 (BACnet firmware revision)

2.1 PRODUCT DESCRIPTION

This information applies to Siemens BT300 frequency converter product family covering all voltage and power ranges.

2.2 BACNET STANDARDIZED DEVICE PROFILE

- BACnet Operator Workstation (B-OWS)
- BACnet Advanced Operator Workstation (B-AWS)
- BACnet Operator Display (B-OD)
- BACnet Building Controller (B-BC)
- BACnet Advanced Application Controller (B-AAC)
- BACnet Application Specific Controller (B-ASC)
- BACnet Smart Sensor (B-SS)
- BACnet Smart Actuator (B-SA)

2.3 BACNET INTEROPERABILITY BUILDING BLOCKS SUPPORTED (ANNEX K)

2.3.1 DATA SHARING BIBBS SUPPORTED

DS-RP-B	Data Sharing-ReadProperty-B
DS-RPM-B	Data Sharing-ReadPropertyMultiple-B
DS-WP-B	Data Sharing-WriteProperty-B
DS-WPM-B	Data Sharing-WritePropertyMultiple-B
DS-COV-B	Data Sharing-COV-B

2.3.2 DEVICE MANAGEMENT BIBBS SUPPORTED

DM-TS-B	Device Management-TimeSynchronization-B
DM-UTC-B	Device Management-UTCTimeSynchronization-B
DM-RD-B	Device Management-ReinitializeDevice-B
DM-DDB-B	Device Management-Dynamic Device Binding-B
DM-DOB-B	Device Management-Dynamic Object Binding-B
DM-DCC-B	Device Management-DeviceCommunicationControl-B

2.4 SEGMENTATION CAPABILITY

- | | | |
|-------------------------------------|-------------------------------------|----------------|
| <input checked="" type="checkbox"/> | Able to transmit segmented messages | window size: 8 |
| <input checked="" type="checkbox"/> | Able to transmit segmented messages | window size: 8 |

2.5 STANDARD OBJECT TYPES SUPPORTED

Object type	Count	Supported	Can be created	Can be deleted
Analog Input	2	yes	no	no
Analog Output	1	yes	no	no
Analog Value	70	yes	no	no
Binary Input	6	yes	no	no
Binary Output	7	yes	no	no
Binary Value	47	yes	no	no
Device	1	yes	no	no

2.6 DATA LINK LAYER OPTIONS

2.6.1 SUPPORTED DATALINKS

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s) _____
- MS/TP master (Clause 9), baud rate(s): 9600, 19200, 38400, 76800
- MS/TP slave (Clause 9), baud rate(s):
- Point-To-Point, EIA 232 (Clause 10), baud rate(s):
- Point-To-Point, modem, (Clause 10), baud rate(s):
- LonTalk, (Clause 11), medium: _____
- BACnet/ZigBee (ANNEX O)
- Other:

2.6.2 DEVICE ADDRESS BINDING

Is static device binding supported? Yes No

2.6.3 NETWORKING OPTIONS

Router, Clause 6

Annex H, BACnet Tunneling Router over IP

BACnet/IP Broadcast Management Device (BBMD)

Does the BBMD support registrations by Foreign Devices? Yes No

Does the BBMD support network address translation? Yes No

2.6.4 NETWORK SECURITY OPTIONS

Non-secure Device - is capable of operating without BACnet Network Security

Secure Device - is capable of using BACnet Network Security (NS-SD BIBB)

Multiple Application-Specific Keys:

Supports encryption (NS-ED BIBB)

Key Server (NS-KS BIBB)

2.6.5 CHARACTER SET SUPPORTED

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

ISO 10646 (UTF-8) IBM™/Microsoft™DBCS ISO 8859-1

ISO 10646 (UCS-2) ISO 10646 (UCS-4) JIS X 0208

2.7 LIST OF OBJECTS AND THEIR PROPERTIES

	Device	Analog Input	Analog Output	Analog Value	Binary Input	Binary Output	Binary Value
Object Identifier	x	x	x	x	x	x	x
Object Name	x	x	x	x	x	x	x
Object Type	x	x	x	x	x	x	x
System Status	x						
Vendor Name	x						
Vendor Identifier	x						
Model Name	x						
Firmware Revision	x						
App Software Revision	x						
Description	x						
Protocol Version	x						
Protocol Revision	x						
Services Supported	x						
Object types supported	x						
Object list	x						
Max APDU Length	x						
Segmentation Support	x						
Local Time	x						
Local Date	x						
UTC offset	x						
Daylight saving status	x						
APDU Segment timeout	x						
APDU Timeout	x						
Number APDU Retries	x						
Max Masters	x ¹						
Max Info Frames	x ¹						
Device Address Binding	x						
Database Revision	x						
Active COV subscriptions	x						
Present Value		x	x	x	x	x	x
Status Flags		x	x	x	x	x	x
Event State		x	x	x	x	x	x
Out-of-Service		x	x	x	x	x	x
Units		x	x	x			
Priority Array			x	x ²		x ²	x ²
Relinquish Default			x	x ²		x ²	x ²
Polarity					x	x	
Active Text					x	x	x
Inactive Text					x	x	x
COV increment		x	x	x			

¹ These properties exist only in MSTP ² These properties exist only in commandable objects

Table 1. Supported properties

Object Type	Instance	Name	Access	Notes
Analog Input	0	ANALOG IN 1	r	
	1	ANALOG IN 2	r	
Analog Output	0	ANALOG OUT 1	r/w	Commandable
Analog Value	0	SPEED REF	r/w	Commandable
	1	FREQ STPT	r	
	2	OUTPUT PCT	r	
	3	OUTPUT FREQ	r	
	4	MOTOR SPEED	r	
	5	MOTOR CRRNT	r	
	6	MOTOR VLTG	r	
	7	MOTOR TORQUE	r	
	8	MOTOR TEMP	r	
	9	LOAD	r	
	10	KW HOURS	r	
	11	KW HOURS TOT	r	
	12	OPER DAYS	r	
	13	OPER HOURS	r	
	14	DC LINK VLTG	r	
	15	DRIVE TEMP	r	
	16	ACTIVE FAULT	r	
	17	LAST FAULT 1	r	
	18	LAST FAULT 2	r	
	19	LAST FAULT 3	r	
	20	FBDATAOUT 01	r	
	21	FBDATAOUT 02	r	
	22	FBDATAOUT 03	r	
	23	FBDATAOUT 04	r	
	24	FBDATAOUT 05	r	
	25	FBDATAOUT 06	r	
	26	FBDATAOUT 07	r	
	27	FBDATAOUT 08	r	
	28	FB DATA IN 1	r/w	Commandable
	29	FB DATA IN 2	r/w	Commandable
	30	FB DATA IN 3	r/w	Commandable
	31	FB DATA IN 4	r/w	Commandable
	32	FB DATA IN 5	r/w	Commandable
	33	FB DATA IN 6	r/w	Commandable
	34	FB DATA IN 7	r/w	Commandable
	35	FB DATA IN 8	r/w	Commandable
	36	FBCTRLWORDLO	r/w	Commandable
	37	FBCTRLWORDHI	r/w	Commandable
	38	FBSTATWORDLO	r	
	39	FBSTATWORDHI	r	
	40	MIN FREQ	r/w	
	41	MAX FREQ	r/w	
42	ACCEL TIME	r/w		

Analog Value	43	DECEL TIME	r/w	
	44	CURRENT LMT	r/w	
	45	MTRNOM CRRNT	r/w	
	46	MTRNOM POWER	r/w	
	47	MTRNOM SPEED	r/w	
	48	MTRNOM VLTG	r/w	
	49	MTRNOM FREQ	r/w	
	50	MOTOR COSPHI	r/w	
	51	BYPASS	r	
	52	BYP SAFESTAT	r	
	53	BYP RUN TIME	r	
	54	PID1 GAIN	r	
	55	PID1 I TIME	r	
	56	PID1 D TIME	r	
	57	PID1 STATUS	r	
	58	PID1 STPT	r	
	59	PID1 FDBK	r	
	60	PID1 OUTPUT	r	
	61	PID2 GAIN	r	
	62	PID2 I TIME	r	
	63	PID2 D TIME	r	
	64	PID2 STATUS	r	
	65	PID2 STPT	r	
	66	PID2 FDBK	r	
	67	PID2 OUTPUT	r	
	68	ANY PARAM	r/w	
	69	ANY VALUE	r/w	
Binary Input	0	DI1 STATUS	r	
	1	DI2 STATUS	r	
	2	DI3 STATUS	r	
	3	DI4 STATUS	r	
	4	DI5 STATUS	r	
	5	DI6 STATUS	r	
Binary Output	0	RO1 CMD	r/w	Commandable
	1	RO2 CMD	r/w	Commandable
	2	RO3 CMD	r/w	Commandable
	3	RUN ENABLE	r/w	Commandable
	4	CMD RUN STOP	r/w	Commandable
	5	CMD FWD REV	r/w	Commandable
	6	FAULT RESET	r/w	
Binary Value	0	READY STATE	r	
	1	RUNENBL STAT	r	
	2	RUNSTP STAT	r	
	3	FWD REV STAT	r	
	4	FAULT STATUS	r	
	5	ALARM STATUS	r	
	6	AT ZERO	r	
	7	AT SETPOINT	r	
	8	RO1 STATUS	r	
	9	RO2 STATUS	r	

Binary Value	10	RO3 STATUS	r	
	11	M1 STATUS	r	
	12	M2 STATUS	r	
	13	FBDATAOUT1B0	r	
	14	FBDATAOUT1B1	r	
	15	FBDATAOUT1B2	r	
	16	FBDATAOUT1B3	r	
	17	FBDATAOUT1B4	r	
	18	FBDATAOUT1B5	r	
	19	FBDATAOUT1B6	r	
	20	FBDATAOUT1B7	r	
	21	FBCNTRLBIT10	r/w	Commandable
	22	FBCNTRLBIT11	r/w	Commandable
	23	FBCNTRLBIT12	r/w	Commandable
	24	FBCNTRLBIT13	r/w	Commandable
	25	FBCNTRLBIT14	r/w	Commandable
	26	FBCNTRLBIT15	r/w	Commandable
	27	COAST2STOP	r/w	
	28	RAMP2STOP	r/w	
	29	QUICK STOP	r/w	
	30	FB CONTROL	r/w	Commandable
	31	FB REFERENCE	r/w	Commandable
	32	INTERLOCK 1	r	
	33	INTERLOCK 2	r	
	34	ENERGY OPT	r	
	35	AUTO RESET	r	
	36	FIREMODESTAT	r	
	37	BYP ACTIVE	r	
	38	BYP RUNNING	r	
	39	REM SAFETY 1	r	
	40	REM SAFETY 2	r	
	41	REM SAFETY 3	r	
	42	REM SAFETY 4	r	
	43	REM SAFETY 5	r	
	44	REM SAFETY 6	r	
	45	REM SAFETY 7	r	
	46	REM SAFETY 8	r	

2.7.1 ANALOG INPUT OBJECTS

analog-input,0	Property	Access	Value
	object-name	r	ANALOG IN 1
	object-type	r	analog-input
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no units
	cov-increment	r/w	2.5
analog-input,1	Property	Access	Value
	object-name	r	ANALOG IN 2
	object-type	r	analog-input
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no units
	cov-increment	r/w	2.5

2.7.2 ANALOG OUTPUT OBJECTS

analog-output,0	Property	Access	Default value
	object-name	r	ANALOG OUT 1
	object-type	r	analog-output
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no units
	priority-array	r	-
	relinquish-default	r/w	-
	cov-increment	r/w	2.5

2.7.3 ANALOG VALUE OBJECTS

analog-value,0	Property	Access	Default value
	object-name	r	SPEED REF
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	percent
	priority-array	r	-
	relinquish-default	r/w	-
analog-value,1	Property	Access	Default value
	object-name	r	FREQ STPT
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	herz
	cov-increment	r/w	2.5
	analog-value,2	Property	Access
object-name		r	OUTPUT PCT
object-type		r	analog-value
present-value		r	-
status-flags		r	-
event-state		r	-
out-of-service		r/w	-
units		r	percent
cov-increment		r/w	2.5
analog-value,3		Property	Access
	object-name	r	OUTPUT FREQ
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	herz
	cov-increment	r/w	2.5
	analog-value,4	Property	Access
object-name		r	MOTOR SPEED
object-type		r	analog-value
present-value		r	-
status-flags		r	-
event-state		r	-

	out-of-service	r/w	-
	units	r	revolutions-per-minute
	cov-increment	r/w	2.5
analog-value,5	Property	Access	Default value
	object-name	r	MOTOR CRRNT
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	amperes
	cov-increment	r/w	2.5
analog-value,6	Property	Access	Default value
	object-name	r	MOTOR VLTG
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	volts
	cov-increment	r/w	2.5
analog-value,7	Property	Access	Default value
	object-name	r	MOTOR TORQUE
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	percent
	cov-increment	r/w	2.5
analog-value,8	Property	Access	Default value
	object-name	r	MOTOR TEMP
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	percent
	cov-increment	r/w	2.5
analog-value,9	Property	Access	Default value
	object-name	r	LOAD
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-

	units	r	percent
	cov-increment	r/w	2.5
analog-value,10	Property	Access	Default value
	object-name	r	KW HOURS
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	kilowatt-hours
	cov-increment	r/w	2.5
analog-value,11	Property	Access	Default value
	object-name	r	KW HOURS TOT
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	kilowatt-hours
	cov-increment	r/w	2.5
analog-value,12	Property	Access	Default value
	object-name	r	OPER DAYS
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	days
	cov-increment	r/w	2.5
analog-value,13	Property	Access	Default value
	object-name	r	OPER HOURS
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	hours
	cov-increment	r/w	2.5
analog-value,14	Property	Access	Default value
	object-name	r	DC LINK VLTG
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	volts

	cov-increment	r/w	2.5
analog-value,15	Property	Access	Default value
	object-name	r	DRIVE TEMP
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	degrees-Celsius (changeable to Fahrenheit with a parameter)
	cov-increment	r/w	2.5
analog-value,16	Property	Access	Default value
	object-name	r	ACTIVE FAULT
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,17	Property	Access	Default value
	object-name	r	LAST FAULT 1
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,18	Property	Access	Default value
	object-name	r	LAST FAULT 2
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,19	Property	Access	Default value
	object-name	r	LAST FAULT 3
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-

	units	r	no-units
	cov-increment	r/w	2.5
analog-value,20	Property	Access	Default value
	object-name	r	FBDATAOUT 01
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,21	Property	Access	Default value
	object-name	r	FBDATAOUT 02
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,22	Property	Access	Default value
	object-name	r	FBDATAOUT 03
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,23	Property	Access	Default value
	object-name	r	FBDATAOUT 04
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,24	Property	Access	Default value
	object-name	r	FBDATAOUT 05
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units

	cov-increment	r/w	2.5
analog-value,25	Property	Access	Default value
	object-name	r	FBDATAOUT 06
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,26	Property	Access	Default value
	object-name	r	FBDATAOUT 07
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,27	Property	Access	Default value
	object-name	r	FBDATAOUT 08
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,28	Property	Access	Default value
	object-name	r	FB DATA IN 1
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	priority-array	r	-
	relinquish-default	r/w	-
	cov-increment	r/w	2.5
analog-value,29	Property	Access	Default value
	object-name	r	FB DATA IN 2
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-

	units	r	no-units
	priority-array	r	-
	relinquish-default	r/w	-
	cov-increment	r/w	2.5
analog-value,30	Property	Access	Default value
	object-name	r	FB DATA IN 3
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	priority-array	r	-
	relinquish-default	r/w	-
	cov-increment	r/w	2.5
analog-value,31	Property	Access	Default value
	object-name	r	FB DATA IN 4
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	priority-array	r	-
	relinquish-default	r/w	-
	cov-increment	r/w	2.5
analog-value,32	Property	Access	Default value
	object-name	r	FB DATA IN 5
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	priority-array	r	-
	relinquish-default	r/w	-
	cov-increment	r/w	2.5
analog-value,33	Property	Access	Default value
	object-name	r	FB DATA IN 6
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	priority-array	r	-

	relinquish-default	r/w	-
	cov-increment	r/w	2.5
analog-value,34	Property	Access	Default value
	object-name	r	FB DATA IN 7
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	priority-array	r	-
	relinquish-default	r/w	-
	cov-increment	r/w	2.5
analog-value,35	Property	Access	Default value
	object-name	r	FB DATA IN 8
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	priority-array	r	-
	relinquish-default	r/w	-
	cov-increment	r/w	2.5
analog-value,36	Property	Access	Default value
	object-name	r	FBCTRLWORDLO
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	priority-array	r	-
	relinquish-default	r/w	-
	cov-increment	r/w	2.5
analog-value,37	Property	Access	Default value
	object-name	r	FBCTRLWORDHI
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	priority-array	r	-
	relinquish-default	r/w	-
	cov-increment	r/w	2.5

analog-value,38	Property	Access	Default value
	object-name	r	FBSTATWORDLO
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,39	Property	Access	Default value
	object-name	r	FBSTATWORDHI
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,40	Property	Access	Default value
	object-name	r	MIN FREQ
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	hertz
	cov-increment	r/w	2.5
analog-value,41	Property	Access	Default value
	object-name	r	MAX FREQ
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	hertz
	cov-increment	r/w	2.5
analog-value,42	Property	Access	Default value
	object-name	r	ACCEL TIME
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	seconds
	cov-increment	r/w	2.5
analog-value,43	Property	Access	Default value

	object-name	r	DECEL TIME
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	seconds
	cov-increment	r/w	2.5
analog-value,44	Property	Access	Default value
	object-name	r	CURRENT LMT
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	3
	cov-increment	r/w	2.5
analog-value,45	Property	Access	Default value
	object-name	r	MTRNOM CRRNT
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	amperes
	cov-increment	r/w	2.5
analog-value,46	Property	Access	Default value
	object-name	r	MTRNOM POWER
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	horsepower (changeable to kilowatts with a parameter)
	cov-increment	r/w	2.5
analog-value,47	Property	Access	Default value
	object-name	r	MTRNOM SPEED
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	revolutions-per-minute
	cov-increment	r/w	2.5

analog-value,48	Property	Access	Default value
	object-name	r	MTRNOM VLTG
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	volts
	cov-increment	r/w	2.5
analog-value,49	Property	Access	Default value
	object-name	r	MTRNOM FREQ
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	hertz
	cov-increment	r/w	2.5
analog-value,50	Property	Access	Default value
	object-name	r	MOTOR COSPHI
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,51	Property	Access	Default value
	object-name	r	BYPASS
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,52	Property	Access	Default value
	object-name	r	BYP SAFESTAT
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5

analog-value,53	Property	Access	Default value
	object-name	r	BYP RUN TIME
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
analog-value,54	Property	Access	Default value
	object-name	r	PID1 GAIN
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	percent
analog-value,55	Property	Access	Default value
	object-name	r	PID1 I TIME
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	seconds
analog-value,56	Property	Access	Default value
	object-name	r	PID1 D TIME
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	seconds
analog-value,57	Property	Access	Default value
	object-name	r	PID1 STATUS
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units

	cov-increment	r/w	2.5
analog-value,58	Property	Access	Default value
	object-name	r	PID1 STPT
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,59	Property	Access	Default value
	object-name	r	PID1 FDBK
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,60	Property	Access	Default value
	object-name	r	PID1 OUTPUT
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	percent
	cov-increment	r/w	2.5
analog-value,61	Property	Access	Default value
	object-name	r	PID2 GAIN
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,62	Property	Access	Default value
	object-name	r	PID2 I TIME
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	seconds
	cov-increment	r/w	2.5

analog-value,63	Property	Access	Default value
	object-name	r	PID2 D TIME
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	seconds
	cov-increment	r/w	2.5
analog-value,64	Property	Access	Default value
	object-name	r	PID2 STATUS
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,65	Property	Access	Default value
	object-name	r	PID2 STPT
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,66	Property	Access	Default value
	object-name	r	PID2 FDBK
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,67	Property	Access	Default value
	object-name	r	PID2 OUTPUT
	object-type	r	analog-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	percent
	cov-increment	r/w	2.5
analog-value,68	Property	Access	Default value

	object-name	r	ANY PARAM
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5
analog-value,69	Property	Access	Default value
	object-name	r	ANY VALUE
	object-type	r	analog-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	units	r	no-units
	cov-increment	r/w	2.5

2.7.4 BINARY INPUT OBJECTS

binary-input,0	Property	Access	Default value
	object-name	r	DI1 STATUS
	object-type	r	binary-input
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-input,1	Property	Access	Default value
	object-name	r	DI2 STATUS
	object-type	r	binary-input
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-input,2	Property	Access	Default value
	object-name	r	DI3 STATUS

	object-type	r	binary-input
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-input,3	Property	Access	Default value
	object-name	r	DI4 STATUS
	object-type	r	binary-input
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-input,4	Property	Access	Default value
	object-name	r	DI5 STATUS
	object-type	r	binary-input
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-input,5	Property	Access	Default value
	object-name	r	DI6 STATUS
	object-type	r	binary-input
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"OFF"
	active-text	r	"ON"

2.7.5 BINARY OUTPUT OBJECTS

binary-output,0	Property	Access	Default value
	object-name	r	RO1 CMD
	object-type	r	binary-output
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"OFF"
	active-text	r	"ON"
	priority-array	r	-
	relinquish-default	r/w	-
binary-output,1	Property	Access	Default value
	object-name	r	RO2 CMD
	object-type	r	binary-output
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"OFF"
	active-text	r	"ON"
	priority-array	r	-
	relinquish-default	r/w	-
binary-output,2	Property	Access	Default value
	object-name	r	RO3 CMD
	object-type	r	binary-output
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"OFF"
	active-text	r	"ON"
	priority-array	r	-
	relinquish-default	r/w	-
binary-output,3	Property	Access	Default value
	object-name	r	RUN ENABLE
	object-type	r	binary-output
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-

	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"DISABL"
	active-text	r	"ENABLE"
	priority-array	r	-
	relinquish-default	r/w	-
binary-output,4	Property	Access	Default value
	object-name	r	CMD RUN STOP
	object-type	r	binary-output
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"STOP"
	active-text	r	"RUN"
	priority-array	r	-
	relinquish-default	r/w	-
binary-output,5	Property	Access	Default value
	object-name	r	CMD FWD REV
	object-type	r	binary-output
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"FORWRD"
	active-text	r	"REVRSE"
	priority-array	r	-
	relinquish-default	r/w	-
binary-output,6	Property	Access	Default value
	object-name	r	FAULT RESET
	object-type	r	binary-output
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	polarity	r	0
	inactive-text	r	"NORMAL"
	active-text	r	"RESET"

2.7.6 BINARY VALUE OBJECTS

binary-value,0	Property	Access	Default value
	object-name	r	READY STATE
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"NOTRDY"
	active-text	r	"READY"
binary-value,1	Property	Access	Default value
	object-name	r	RUNENBL STAT
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"DISABL"
	active-text	r	"ENABLE"
binary-value,2	Property	Access	Default value
	object-name	r	RUNSTP STAT
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"STOP"
	active-text	r	"RUN"
binary-value,3	Property	Access	Default value
	object-name	r	FWD REV STAT
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"FORWRD"
	active-text	r	"REVRSE"
binary-value,4	Property	Access	Default value
	object-name	r	FAULT STATUS
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-

	out-of-service	r/w	-
	inactive-text	r	"NOFLT"
	active-text	r	"FAULT"
binary-value,5	Property	Access	Default value
	object-name	r	ALARM STATUS
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"NORMAL"
	active-text	r	"ALARM"
binary-value,6	Property	Access	Default value
	object-name	r	AT ZERO
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"FALSE"
	active-text	r	"TRUE"
binary-value,7	Property	Access	Default value
	object-name	r	AT SETPOINT
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"FALSE"
	active-text	r	"TRUE"
binary-value,8	Property	Access	Default value
	object-name	r	RO1 STATUS
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,9	Property	Access	Default value
	object-name	r	RO2 STATUS
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-

	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,10	Property	Access	Default value
	object-name	r	RO3 STATUS
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,11	Property	Access	Default value
	object-name	r	M1 STATUS
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OPEN"
	active-text	r	"CLOSED"
binary-value,12	Property	Access	Default value
	object-name	r	M2 STATUS
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OPEN"
	active-text	r	"CLOSED"
binary-value,13	Property	Access	Default value
	object-name	r	FBDATAOUT1B0
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,14	Property	Access	Default value
	object-name	r	FBDATAOUT1B1
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"

	active-text	r	"ON"
binary-value,15	Property	Access	Default value
	object-name	r	FBDATAOUT1B2
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,16	Property	Access	Default value
	object-name	r	FBDATAOUT1B3
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,17	Property	Access	Default value
	object-name	r	FBDATAOUT1B4
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,18	Property	Access	Default value
	object-name	r	FBDATAOUT1B5
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,19	Property	Access	Default value
	object-name	r	FBDATAOUT1B6
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"

binary-value,20	Property	Access	Default value
	object-name	r	FBDATAOUT1B7
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,21	Property	Access	Default value
	object-name	r	FBCNTRLBIT10
	object-type	r	binary-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
	priority-array	r	-
	relinquish-default	r/w	-
binary-value,22	Property	Access	Default value
	object-name	r	FBCNTRLBIT11
	object-type	r	binary-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
	priority-array	r	-
	relinquish-default	r/w	-
binary-value,23	Property	Access	Default value
	object-name	r	FBCNTRLBIT12
	object-type	r	binary-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
	priority-array	r	-
	relinquish-default	r/w	-
binary-value,24	Property	Access	Default value
	object-name	r	FBCNTRLBIT13
	object-type	r	binary-value
	present-value	r/w	-

	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
	priority-array	r	-
	relinquish-default	r/w	-
binary-value,25	Property	Access	Default value
	object-name	r	FBCNTRLBIT14
	object-type	r	binary-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
	priority-array	r	-
	relinquish-default	r/w	-
binary-value,26	Property	Access	Default value
	object-name	r	FBCNTRLBIT15
	object-type	r	binary-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
	priority-array	r	-
	relinquish-default	r/w	-
binary-value,27	Property	Access	Default value
	object-name	r	COAST2STOP
	object-type	r	binary-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"READY"
	active-text	r	"YES"
binary-value,28	Property	Access	Default value
	object-name	r	RAMP2STOP
	object-type	r	binary-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"READY"

	active-text	r	"YES"
binary-value,29	Property	Access	Default value
	object-name	r	QUICK STOP
	object-type	r	binary-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"READY"
	active-text	r	"YES"
binary-value,30	Property	Access	Default value
	object-name	r	FB CONTROL
	object-type	r	binary-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
	priority-array	r	-
	relinquish-default	r/w	-
binary-value,31	Property	Access	Default value
	object-name	r	FB REFERENCE
	object-type	r	binary-value
	present-value	r/w	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
	priority-array	r	-
	relinquish-default	r/w	-
binary-value,32	Property	Access	Default value
	object-name	r	INTERLOCK 1
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,33	Property	Access	Default value
	object-name	r	INTERLOCK 2
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-

	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,34	Property	Access	Default value
	object-name	r	ENERGY OPT
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,35	Property	Access	Default value
	object-name	r	AUTO RESET
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"OFF"
	active-text	r	"ON"
binary-value,36	Property	Access	Default value
	object-name	r	FIREMODESTAT
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"INACTV"
	active-text	r	"ACTIVE"
binary-value,37	Property	Access	Default value
	object-name	r	BYP ACTIVE
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"INACTV"
	active-text	r	"ACTIVE"
binary-value,38	Property	Access	Default value
	object-name	r	BYP RUNNING
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-

	out-of-service	r/w	-
	inactive-text	r	"NO"
	active-text	r	"YES"
binary-value,39	Property	Access	Default value
	object-name	r	REM SAFETY 1
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"NOFLT"
	active-text	r	"FAULT"
binary-value,40	Property	Access	Default value
	object-name	r	REM SAFETY 2
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"NOFLT"
	active-text	r	"FAULT"
binary-value,41	Property	Access	Default value
	object-name	r	REM SAFETY 3
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"NOFLT"
	active-text	r	"FAULT"
binary-value,42	Property	Access	Default value
	object-name	r	REM SAFETY 4
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"NOFLT"
	active-text	r	"FAULT"
binary-value,43	Property	Access	Default value
	object-name	r	REM SAFETY 5
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-

	inactive-text	r	"NOFLT"
	active-text	r	"FAULT"
binary-value,44	Property	Access	Default value
	object-name	r	REM SAFETY 6
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"NOFLT"
	active-text	r	"FAULT"
binary-value,45	Property	Access	Default value
	object-name	r	REM SAFETY 7
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"NOFLT"
	active-text	r	"FAULT"
binary-value,46	Property	Access	Default value
	object-name	r	REM SAFETY 8
	object-type	r	binary-value
	present-value	r	-
	status-flags	r	-
	event-state	r	-
	out-of-service	r/w	-
	inactive-text	r	"NOFLT"
	active-text	r	"FAULT"