



MICS for Client DS Agile C264 V7 Rev A1.1	
MICS for Client Test Procedures for Edition 2	DS Agile C264 V7
Release Date: June 14th, 2017	Revision: A1.1
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Model Implementation Conformance Statement (MICS)

MICS for Client Test Procedures for Edition 2

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1 INTRODUCTION

This model implementation conformance statement is applicable for the IEC 61850 client interface in DS Agile C264 with firmware V7. This MICS document specifies the supported Common Data Classes for IEC 61850 Edition 1 and Edition 2.



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2 SUPPORTED COMMON DATA CLASSES

The “Ed” column indicates Edition 1 and/or Edition 2.

2.1 COMMON DATA CLASS SPECIFICATIONS FOR STATUS INFORMATION

CDC	Ed	Description	Supported	Comment
SPS	1,2	Single point status	Y	stVal, q and t
DPS	1,2	Double point status	Y	stVal, q and t
INS	1,2	Integer status	Y	stVal, q and t
ENS	2	Enumerated status	Y	stVal, q and t
ACT	1,2	Protection activation information	Y	general, phsA, phsB, phsC, neut, q and t
ACD	1,2	Directional protection activation information	Y	general, dirGeneral, phsA, dirPhsA, phsB, dirPhsB, phsC, dirPhsC, neut, dirNeut, q and t
SEC	1,2	Security violation counting	N	
BCR	1,2	Binary counter reading	Y	frVal, q and t
HST	2	Histogram	N	
VSS	2	Visible string status	N	
Notes:				



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2.2 COMMON DATA CLASS SPECIFICATIONS FOR MEASUREMENT INFORMATION

CDC	Ed	Description	Supported	Comment
MV	1,2	Measured value	Y	mag, q and t
CMV	1,2	Complex measured value	Y	cVal, q and t Note: ang is not managed
SAV	1,2	Sampled value	Y	instMag, q for SV subscription only
WYE	1,2	Phase to ground/neutral related measured values of a three-phase system	Y	phsA, phsB, phsC, neut
DEL	1,2	Phase to phase related measured values of a three-phase system	Y	phsAB, phsBC, phsCA
SEQ	1,2	Sequence	N	
HMV	1	Harmonic value	N	
HMV	2	Harmonic value	N	
HWYE	1	Harmonic value for WYE	N	
HWYE	2	Harmonic value for WYE	N	
HDEL	1	Harmonic value for DEL	N	
HDEL	2	Harmonic value for DEL	N	
Notes:				



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2.3 COMMON DATA CLASS SPECIFICATIONS FOR CONTROLS

CDC	Ed	Description	Supported	Comment
SPC	1,2	Controllable single point	Y	stVal, q, t and stSeld
DPC	1,2	Controllable double point	Y	stVal, q, t and stSeld
INC	1,2	Controllable integer status	Y	stVal, q, t and stSeld
ENC	2	Controllable enumerated status	Y	stVal, q, t and stSeld
BSC	1,2	Binary controlled step position information	Y	valWTr, q, t and stSeld
ISC	1,2	Integer controlled step position information	Y	valWTr, q, t and stSeld
APC	1	Controllable analogue process value	N	
APC	2	Controllable analogue process value	Y	mxVal, q, t
BAC	2	Binary controlled analog process value	Y	mxVal, q, t
Notes:				



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2.4 COMMON DATA CLASS SPECIFICATIONS FOR STATUS SETTINGS

CDC	Ed	Description	Supported	Comment
SPG	1,2	Single point setting	N	
ING	1,2	Integer status setting	N	
ENG	2	Enumerated status setting	N	
ORG	2	Object reference setting	N	
TSG	2	Time setting group	N	
CUG	2	Currency setting group	N	
VSG	2	Visible string setting	N	
Notes:				



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2.5 COMMON DATA CLASS SPECIFICATIONS FOR ANALOGUE SETTINGS

CDC	Ed	Description	Supported	Comment
ASG	1,2	Analogue setting	N	
CURVE	1,2	Setting curve	N	
CSG	2	Curve shape setting	N	
Notes:				



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2.6 COMMON DATA CLASS SPECIFICATIONS FOR DESCRIPTION INFORMATION

CDC	Ed	Description	Supported	Comment
DPL	1,2	Device name plate	N	
LPL	1,2	Logical node name plate	N	
CSD	1,2	Curve shape description	N	
Notes:				



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2.7 COMMON DATA CLASS SPECIFICATIONS FOR TRACKING

CDC	Ed	Description	Supported	Comment
CST	2	Common service tracking	N	
BTS	2	Buffered report tracking service	N	
CTS	2	Control tracking service	N	
GTS	2	GOOSE Control block tracking service	N	
LTS	2	Log control block tracking service	N	
MTS	2	MSVCB tracking service	N	
NTS	2	USVCB control block tracking service	N	
OTS	2	Log tracking service	N	
STS	2	SGCB tracking service	N	
UTS	2	Unbuffered report tracking service	N	
Notes:				

Supported

Y = Client can issue an ASCI service on this CDC and process the data from/to the CDC

N = Client can't issue an ASCI service on this CDC and doesn't process the data from/to the CDC



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REVISION HISTORY

Version	Date	Author	Remarks
1.0	12062017	Christophe.Camélis	Initial version for C264 final client conformance test
A1.1	14062017	Christophe.Camélis	actVal for BCR, range for MV and CMV, ang for CMV are not managed