

7SR242 Duobias

Transformer Protection Relay

IEC 61850 Model Implementation Conformance Statement (MICS)

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Software Revision History

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1 Reyrolle -> IEC 61850

1.1 Device

Reyrolle	DOI	DA Group
Device Reset		
	BI19GGIO1.Mod	stVal
	BO14GGIO1.Mod	stVal
	DPDOesGGIO1.Mod	stVal
	DPDOesGGIO2.Mod	stVal
	DPDOesGGIO3.Mod	stVal
	DPDOesGGIO4.Mod	stVal
	DPDOnsGGIO1.Mod	stVal
	DPDOnsGGIO2.Mod	stVal
	DPDOnsGGIO3.Mod	stVal
	DPDOnsGGIO4.Mod	stVal
	DPi8GGIO1.Mod	stVal
	DPi8GGIO2.Mod	stVal
	DPo8GGIO1.Mod	stVal
	DPo8GGIO2.Mod	stVal
	E16GGIO1.Mod	stVal
	L24GGIO1.Mod	stVal
	Q0CILO1.Mod	stVal
	Q0CILO2.Mod	stVal
	Q0CSW11.Mod	stVal
	Q0XCBR1.Mod	stVal
	Q0XCBR2.Mod	stVal
	SPDOesGGIO1.Mod	stVal
	SPDOesGGIO2.Mod	stVal
	SPDOesGGIO3.Mod	stVal
	SPDOesGGIO4.Mod	stVal
	SPDOnsGGIO1.Mod	stVal
	SPDOnsGGIO2.Mod	stVal

	SPDOnsGGIO3.Mod	stVal
	SPDOnsGGIO4.Mod	stVal
	SPi64GGIO1.Mod	stVal
	SPo32GGIO1.Mod	stVal
	V16GGIO1.Mod	stVal
LED Reset		
	CTRL.LLN0.LEDRs	stVal
Local Mode		
	CTRL.LLN0.Loc	stVal
	CTRL.Q0CSW11.Loc	stVal
	CTRL.Q0XCBR1.Loc	stVal
	CTRL.Q0CSW12.Loc	stVal
	CTRL.Q0XCBR2.Loc	stVal
	CTRL.CntDelGGIO1.Loc	stVal
	CTRL.CntDelGGIO2.Loc	stVal
	CTRL.SPDOnsGGIO1.Loc	stVal
	CTRL.SPDOnsGGIO2.Loc	stVal
	CTRL.SPDOnsGGIO3.Loc	stVal
	CTRL.SPDOnsGGIO4.Loc	stVal
	CTRL.SPDOesGGIO1.Loc	stVal
	CTRL.SPDOesGGIO2.Loc	stVal
	CTRL.SPDOesGGIO3.Loc	stVal
	CTRL.SPDOesGGIO4.Loc	stVal
	CTRL.DPDOnsGGIO1.Loc	stVal
	CTRL.DPDOnsGGIO2.Loc	stVal
	CTRL.DPDOnsGGIO3.Loc	stVal
	CTRL.DPDOnsGGIO4.Loc	stVal
	CTRL.DPDOesGGIO1.Loc	stVal
	CTRL.DPDOesGGIO2.Loc	stVal
	CTRL.DPDOesGGIO3.Loc	stVal
	CTRL.DPDOesGGIO4.Loc	stVal
Non-Directional		
	PROT.A81Hb2PHAR1.Str	dirGeneral
	PROT.A81Hb2PHAR1.Str	dirPhsA
	PROT.A81Hb2PHAR1.Str	dirPhsB
	PROT.A81Hb2PHAR1.Str	dirPhsC

	PROT.A81Hb5PHAR1.Str	dirGeneral
	PROT.A81Hb5PHAR1.Str	dirPhsA
	PROT.A81Hb5PHAR1.Str	dirPhsB
	PROT.A81Hb5PHAR1.Str	dirPhsC
	PROT.A87HsPDIF1.Str	dirGeneral
	PROT.A87HsPDIF1.Str	dirPhsA
	PROT.A87HsPDIF1.Str	dirPhsB
	PROT.A87HsPDIF1.Str	dirPhsC
	PROT.A51PTOC1.Str	dirPhsA
	PROT.A51PTOC1.Str	dirPhsB
	PROT.A51PTOC1.Str	dirPhsC
	PROT.A51PTOC2.Str	dirPhsA
	PROT.A51PTOC2.Str	dirPhsB
	PROT.A51PTOC2.Str	dirPhsC
	PROT.A50PTOC1.Str	dirGeneral
	PROT.A50PTOC1.Str	dirPhsA
	PROT.A50PTOC1.Str	dirPhsB
	PROT.A50PTOC1.Str	dirPhsC
	PROT.A50PTOC2.Str	dirGeneral
	PROT.A50PTOC2.Str	dirPhsA
	PROT.A50PTOC2.Str	dirPhsB
	PROT.A50PTOC2.Str	dirPhsC
	PROT.A50nPTOC1.Str	dirGeneral
	PROT.A50nPTOC2.Str	dirGeneral
	PROT.A50gPTOC1.Str	dirGeneral
	PROT.A50gPTOC2.Str	dirGeneral
	PROT.A64hPTOC1.Str	dirGeneral
	PROT.A64hPTOC2.Str	dirGeneral
	PROT.A46DtPTOC1.Str	dirGeneral
	PROT.A46DtPTOC2.Str	dirGeneral
	PROT.A37PTUC1.Str	dirGeneral
	PROT.A37PTUC1.Str	dirPhsA
	PROT.A37PTUC1.Str	dirPhsB
	PROT.A37PTUC1.Str	dirPhsC
	PROT.A37PTUC2.Str	dirGeneral
	PROT.A37PTUC2.Str	dirPhsA

	PROT.A37PTUC2.Str	dirPhsB
	PROT.A37PTUC2.Str	dirPhsC
	PROT.A37gPTUC1.Str	dirGeneral
	PROT.A37gPTUC2.Str	dirGeneral
	PROT.A2759PTOV1.Str	dirGeneral
	PROT.A2759PTUV1.Str	dirGeneral
	PROT.A2759PTOV2.Str	dirGeneral
	PROT.A2759PTUV2.Str	dirGeneral
	PROT.A2759PTOV3.Str	dirGeneral
	PROT.A2759PTUV3.Str	dirGeneral
	PROT.A2759PTOV4.Str	dirGeneral
	PROT.A2759PTUV4.Str	dirGeneral
	PROT.A59nDtPTOV1.Str	dirGeneral
	PROT.A81PTOF1.Str	dirGeneral
	PROT.A81PTUF1.Str	dirGeneral
	PROT.A81PTOF2.Str	dirGeneral
	PROT.A81PTUF2.Str	dirGeneral
	PROT.A81PTOF3.Str	dirGeneral
	PROT.A81PTUF3.Str	dirGeneral
	PROT.A81PTOF4.Str	dirGeneral
	PROT.A81PTUF4.Str	dirGeneral
	PROT.A81PTOF5.Str	dirGeneral
	PROT.A81PTUF5.Str	dirGeneral
	PROT.A81PTOF6.Str	dirGeneral
	PROT.A81PTUF6.Str	dirGeneral
	PROT.A24DtPVPH1.Str	dirGeneral
	PROT.A24DtPVPH2.Str	dirGeneral
	PROT.A24ltPVPH1.Str	dirGeneral
	PROT.A49PTTR1.Str	dirGeneral
	PROT.A46BcPTOC1.Str	dirGeneral
	PROT.A46BcPTOC2.Str	dirGeneral
	PROT.A50BfRBRF1.Str	dirGeneral
	PROT.A50BfRBRF2.Str	dirGeneral
	PROT.PTRC1.Str	dirGeneral
	PROT.PTRC2.Str	dirGeneral
Out of Service		

	PROT.LLN0.Mod	stVal
	PROT.LLN0.Beh	stVal
	PROT.A81Hb2PHAR1.Beh	stVal
	PROT.A81Hb5PHAR1.Beh	stVal
	PROT.A87BdPDIF1.Beh	stVal
	PROT.A87HsPDIF1.Beh	stVal
	PROT.A51PTOC1.Beh	stVal
	PROT.A51PTOC2.Beh	stVal
	PROT.A50PTOC1.Beh	stVal
	PROT.A50PTOC2.Beh	stVal
	PROT.A51nPTOC1.Beh	stVal
	PROT.A51nPTOC2.Beh	stVal
	PROT.A50nPTOC1.Beh	stVal
	PROT.A50nPTOC2.Beh	stVal
	PROT.A51gPTOC1.Beh	stVal
	PROT.A51gPTOC2.Beh	stVal
	PROT.A51gPTOC3.Beh	stVal
	PROT.A51gPTOC4.Beh	stVal
	PROT.A50gPTOC1.Beh	stVal
	PROT.A50gPTOC2.Beh	stVal
	PROT.A64hPTOC1.Beh	stVal
	PROT.A64hPTOC2.Beh	stVal
	PROT.A46ltPTOC1.Beh	stVal
	PROT.A46ltPTOC2.Beh	stVal
	PROT.A46DtPTOC1.Beh	stVal
	PROT.A46DtPTOC2.Beh	stVal
	PROT.A37PTUC1.Beh	stVal
	PROT.A37PTUC2.Beh	stVal
	PROT.A37gPTUC1.Beh	stVal
	PROT.A37gPTUC2.Beh	stVal
	PROT.A2759PTOV1.Beh	stVal
	PROT.A2759PTUV1.Beh	stVal
	PROT.A2759PTOV2.Beh	stVal
	PROT.A2759PTUV2.Beh	stVal
	PROT.A2759PTOV3.Beh	stVal
	PROT.A2759PTUV3.Beh	stVal

	PROT.A2759PTOV4.Beh	stVal
	PROT.A2759PTUV4.Beh	stVal
	PROT.A59nltPTOV1.Beh	stVal
	PROT.A59nDtPTOV1.Beh	stVal
	PROT.A81PTOF1.Beh	stVal
	PROT.A81PTUF1.Beh	stVal
	PROT.A81PTOF2.Beh	stVal
	PROT.A81PTUF2.Beh	stVal
	PROT.A81PTOF3.Beh	stVal
	PROT.A81PTUF3.Beh	stVal
	PROT.A81PTOF4.Beh	stVal
	PROT.A81PTUF4.Beh	stVal
	PROT.A81PTOF5.Beh	stVal
	PROT.A81PTUF5.Beh	stVal
	PROT.A81PTOF6.Beh	stVal
	PROT.A81PTUF6.Beh	stVal
	PROT.A24DtPVPH1.Beh	stVal
	PROT.A24DtPVPH2.Beh	stVal
	PROT.A24ltPVPH1.Beh	stVal
	PROT.A49PTTR1.Beh	stVal
	PROT.A46BcPTOC1.Beh	stVal
	PROT.A46BcPTOC2.Beh	stVal
	PROT.A50BfRBRF1.Beh	stVal
	PROT.A50BfRBRF2.Beh	stVal
	PROT.PTRC1.Beh	stVal
	PROT.PTRC2.Beh	stVal
	CTRL.LLN0.Mod	stVal
	CTRL.LLN0.Beh	stVal
	CTRL.Q0CSWI1.Beh	stVal
	CTRL.Q0XCBR1.Beh	stVal
	CTRL.Q0CILO1.Beh	stVal
	CTRL.Q0CSWI2.Beh	stVal
	CTRL.Q0XCBR2.Beh	stVal
	CTRL.Q0CILO2.Beh	stVal
	CTRL.CntDelGGIO1.Beh	stVal
	CTRL.CntDelGGIO2.Beh	stVal

	CTRL.BI19GGIO1.Beh	stVal
	CTRL.BO14GGIO1.Beh	stVal
	CTRL.L24GGIO1.Beh	stVal
	CTRL.V16GGIO1.Beh	stVal
	CTRL.E16GGIO1.Beh	stVal
	CTRL.SPi64GGIO1.Beh	stVal
	CTRL.SPo32GGIO1.Beh	stVal
	CTRL.SPDOnsGGIO1.Beh	stVal
	CTRL.SPDOnsGGIO2.Beh	stVal
	CTRL.SPDOnsGGIO3.Beh	stVal
	CTRL.SPDOnsGGIO4.Beh	stVal
	CTRL.SPDOesGGIO1.Beh	stVal
	CTRL.SPDOesGGIO2.Beh	stVal
	CTRL.SPDOesGGIO3.Beh	stVal
	CTRL.SPDOesGGIO4.Beh	stVal
	CTRL.DPDOnsGGIO1.Beh	stVal
	CTRL.DPDOnsGGIO2.Beh	stVal
	CTRL.DPDOnsGGIO3.Beh	stVal
	CTRL.DPDOnsGGIO4.Beh	stVal
	CTRL.DPDOesGGIO1.Beh	stVal
	CTRL.DPDOesGGIO2.Beh	stVal
	CTRL.DPDOesGGIO3.Beh	stVal
	CTRL.DPDOesGGIO4.Beh	stVal
	CTRL.DPi8GGIO1.Beh	stVal
	CTRL.DPi8GGIO2.Beh	stVal
	CTRL.DPo8GGIO1.Beh	stVal
	CTRL.DPo8GGIO2.Beh	stVal
	MEAS.LLN0.Mod	stVal
	MEAS.LLN0.Beh	stVal
	MEAS.I_MSQI1.Beh	stVal
	MEAS.I_MSQI2.Beh	stVal
	DR.LLN0.Mod	stVal
	DR.LLN0.Beh	stVal
	DR.RDRE1.Beh	stVal
Protection Active		
	PROT.LLN0.Mod	stVal

	PROT.LLN0.Beh	stVal
	PROT.A49PTTR1.Beh	stVal
	PROT.A50BfRBRF1.Beh	stVal
	PROT.A50BfRBRF2.Beh	stVal
	PROT.PTRC1.Mod	stVal
	PROT.PTRC1.Beh	stVal
	PROT.PTRC2.Mod	stVal
	PROT.PTRC2.Beh	stVal
Protection Healthy		
	PROT.LLN0.Health	stVal
	PROT.A81Hb2PHAR1.Health	stVal
	PROT.A81Hb5PHAR1.Health	stVal
	PROT.A87BdPDIF1.Health	stVal
	PROT.A87HsPDIF1.Health	stVal
	PROT.A51PTOC1.Health	stVal
	PROT.A51PTOC2.Health	stVal
	PROT.A50PTOC1.Health	stVal
	PROT.A50PTOC2.Health	stVal
	PROT.A51nPTOC1.Health	stVal
	PROT.A51nPTOC2.Health	stVal
	PROT.A50nPTOC1.Health	stVal
	PROT.A50nPTOC2.Health	stVal
	PROT.A51gPTOC1.Health	stVal
	PROT.A51gPTOC2.Health	stVal
	PROT.A51gPTOC3.Health	stVal
	PROT.A51gPTOC4.Health	stVal
	PROT.A50gPTOC1.Health	stVal
	PROT.A50gPTOC2.Health	stVal
	PROT.A64hPTOC1.Health	stVal
	PROT.A64hPTOC2.Health	stVal
	PROT.A46ltPTOC1.Health	stVal
	PROT.A46ltPTOC2.Health	stVal
	PROT.A46DtPTOC1.Health	stVal
	PROT.A46DtPTOC2.Health	stVal
	PROT.A37PTUC1.Health	stVal
	PROT.A37PTUC2.Health	stVal

	PROT.A37gPTUC1.Health	stVal
	PROT.A37gPTUC2.Health	stVal
	PROT.A2759PTOV1.Health	stVal
	PROT.A2759PTUV1.Health	stVal
	PROT.A2759PTOV2.Health	stVal
	PROT.A2759PTUV2.Health	stVal
	PROT.A2759PTOV3.Health	stVal
	PROT.A2759PTUV3.Health	stVal
	PROT.A2759PTOV4.Health	stVal
	PROT.A2759PTUV4.Health	stVal
	PROT.A59nltPTOV1.Health	stVal
	PROT.A59nDtPTOV1.Health	stVal
	PROT.A81PTOF1.Health	stVal
	PROT.A81PTUF1.Health	stVal
	PROT.A81PTOF2.Health	stVal
	PROT.A81PTUF2.Health	stVal
	PROT.A81PTOF3.Health	stVal
	PROT.A81PTUF3.Health	stVal
	PROT.A81PTOF4.Health	stVal
	PROT.A81PTUF4.Health	stVal
	PROT.A81PTOF5.Health	stVal
	PROT.A81PTUF5.Health	stVal
	PROT.A81PTOF6.Health	stVal
	PROT.A81PTUF6.Health	stVal
	PROT.A24DtPVPH1.Health	stVal
	PROT.A24DtPVPH2.Health	stVal
	PROT.A24ltPVPH1.Health	stVal
	PROT.A49PTTR1.Health	stVal
	PROT.A46BcPTOC1.Health	stVal
	PROT.A46BcPTOC2.Health	stVal
	PROT.A50BfRBRF1.Health	stVal
	PROT.A50BfRBRF2.Health	stVal
	PROT.PTRC1.Health	stVal
	PROT.PTRC2.Health	stVal
	CTRL.LLN0.Mod	stVal
	CTRL.LLN0.Beh	stVal

	CTRL.LLN0.Health	stVal
	CTRL.Q0CSW11.Health	stVal
	CTRL.Q0XCBR1.Health	stVal
	CTRL.Q0CILO1.Health	stVal
	CTRL.Q0CSW12.Health	stVal
	CTRL.Q0XCBR2.Health	stVal
	CTRL.Q0CILO2.Health	stVal
	CTRL.CntDelGGIO1.Health	stVal
	CTRL.CntDelGGIO2.Health	stVal
	CTRL.BI19GGIO1.Health	stVal
	CTRL.BO14GGIO1.Health	stVal
	CTRL.L24GGIO1.Health	stVal
	CTRL.V16GGIO1.Health	stVal
	CTRL.E16GGIO1.Health	stVal
	CTRL.SPi64GGIO1.Health	stVal
	CTRL.SPo32GGIO1.Health	stVal
	CTRL.SPDOnsGGIO1.Health	stVal
	CTRL.SPDOnsGGIO2.Health	stVal
	CTRL.SPDOnsGGIO3.Health	stVal
	CTRL.SPDOnsGGIO4.Health	stVal
	CTRL.SPDOesGGIO1.Health	stVal
	CTRL.SPDOesGGIO2.Health	stVal
	CTRL.SPDOesGGIO3.Health	stVal
	CTRL.SPDOesGGIO4.Health	stVal
	CTRL.DPDOnsGGIO1.Health	stVal
	CTRL.DPDOnsGGIO2.Health	stVal
	CTRL.DPDOnsGGIO3.Health	stVal
	CTRL.DPDOnsGGIO4.Health	stVal
	CTRL.DPDOesGGIO1.Health	stVal
	CTRL.DPDOesGGIO2.Health	stVal
	CTRL.DPDOesGGIO3.Health	stVal
	CTRL.DPDOesGGIO4.Health	stVal
	CTRL.DPi8GGIO1.Health	stVal
	CTRL.DPi8GGIO2.Health	stVal
	CTRL.DPo8GGIO1.Health	stVal
	CTRL.DPo8GGIO2.Health	stVal

	MEAS.LLN0.Mod	stVal
	MEAS.LLN0.Beh	stVal
	MEAS.LLN0.Health	stVal
	MEAS.I_MSQI1.Health	stVal
	MEAS.I_MSQI2.Health	stVal
	DR.LLN0.Mod	stVal
	DR.LLN0.Beh	stVal
	DR.LLN0.Health	stVal
	DR.RDRE1.Mod	stVal
	DR.RDRE1.Beh	stVal
	DR.RDRE1.Health	stVal
Software Revision		
	PROT.LLN0.NamPlt	swRev
	CTRL.LLN0.NamPlt	swRev
	MEAS.LLN0.NamPlt	swRev
	DR.LLN0.NamPlt	swRev
Vendor Name		
	PROT.LLN0.NamPlt	vendor
	CTRL.LLN0.NamPlt	vendor
	MEAS.LLN0.NamPlt	vendor
	DR.LLN0.NamPlt	vendor

1.2 Binary Inputs

Reyrolle	DOI	DA Group
Binary Input 1		
	CTRL.BI19GGIO1.Ind1	stVal
Binary Input 10		
	CTRL.BI19GGIO1.Ind10	stVal
Binary Input 11		
	CTRL.BI19GGIO1.Ind11	stVal
Binary Input 12		
	CTRL.BI19GGIO1.Ind12	stVal
Binary Input 13		
	CTRL.BI19GGIO1.Ind13	stVal
Binary Input 14		

	CTRL.BI19GGIO1.Ind14	stVal
Binary Input 15		
	CTRL.BI19GGIO1.Ind15	stVal
Binary Input 16		
	CTRL.BI19GGIO1.Ind16	stVal
Binary Input 17		
	CTRL.BI19GGIO1.Ind17	stVal
Binary Input 18		
	CTRL.BI19GGIO1.Ind18	stVal
Binary Input 19		
	CTRL.BI19GGIO1.Ind19	stVal
Binary Input 2		
	CTRL.BI19GGIO1.Ind2	stVal
Binary Input 3		
	CTRL.BI19GGIO1.Ind3	stVal
Binary Input 4		
	CTRL.BI19GGIO1.Ind4	stVal
Binary Input 5		
	CTRL.BI19GGIO1.Ind5	stVal
Binary Input 6		
	CTRL.BI19GGIO1.Ind6	stVal
Binary Input 7		
	CTRL.BI19GGIO1.Ind7	stVal
Binary Input 8		
	CTRL.BI19GGIO1.Ind8	stVal
Binary Input 9		
	CTRL.BI19GGIO1.Ind9	stVal

1.3 Binary Outputs

Reyrolle	DOI	DA Group
Binary Output 1		
	CTRL.BO14GGIO1.Ind1	stVal
Binary Output 10		
	CTRL.BO14GGIO1.Ind10	stVal
Binary Output 11		

	CTRL.BO14GGIO1.Ind11	stVal
Binary Output 12		
	CTRL.BO14GGIO1.Ind12	stVal
Binary Output 13		
	CTRL.BO14GGIO1.Ind13	stVal
Binary Output 14		
	CTRL.BO14GGIO1.Ind14	stVal
Binary Output 2		
	CTRL.BO14GGIO1.Ind2	stVal
Binary Output 3		
	CTRL.BO14GGIO1.Ind3	stVal
Binary Output 4		
	CTRL.BO14GGIO1.Ind4	stVal
Binary Output 5		
	CTRL.BO14GGIO1.Ind5	stVal
Binary Output 6		
	CTRL.BO14GGIO1.Ind6	stVal
Binary Output 7		
	CTRL.BO14GGIO1.Ind7	stVal
Binary Output 8		
	CTRL.BO14GGIO1.Ind8	stVal
Binary Output 9		
	CTRL.BO14GGIO1.Ind9	stVal

1.4 CB FAIL

Reyrolle	DOI	DA Group
50BF-1 Enabled		
	PROT.A50BfRBRF1.Mod	stVal
	PROT.A50BfRBRF1.Beh	stVal
50BF-1 Pickup		
	PROT.A50BfRBRF1.Str	general
50BF-1-1		
	PROT.A50BfRBRF1.OpIn	general
50BF-1-2		
	PROT.A50BfRBRF1.OpEx	general

50BF-2 Enabled		
	PROT.A50BfRBRF2.Mod	stVal
	PROT.A50BfRBRF2.Beh	stVal
50BF-2 Pickup		
	PROT.A50BfRBRF2.Str	general
50BF-2-1		
	PROT.A50BfRBRF2.OpIn	general
50BF-2-2		
	PROT.A50BfRBRF2.OpEx	general
Inhibit 50BF-1		
	PROT.A50BfRBRF1.Mod	stVal
	PROT.A50BfRBRF1.Beh	stVal
Inhibit 50BF-2		
	PROT.A50BfRBRF2.Mod	stVal
	PROT.A50BfRBRF2.Beh	stVal

1.5 CB1

Reyrolle	DOI	DA Group
CB1 Control		
	CTRL.Q0CSW11.Pos	Oper.ctlVal
CB1 Control Close Block		
	CTRL.Q0XCBR1.BlkCls	stVal
CB1 Control Open Block		
	CTRL.Q0XCBR1.BlkOpn	stVal
CB1 Operations Counter		
	CTRL.Q0XCBR1.OpCnt	stVal
CB1 Status		
	CTRL.Q0CSW11.Pos	stVal
	CTRL.Q0XCBR1.Pos	stVal
CB1 Wear PhA		
	CTRL.Q0XCBR1.SumSwARs1	actVal
CB1 Wear PhB		
	CTRL.Q0XCBR1.SumSwARs2	actVal
CB1 Wear PhC		
	CTRL.Q0XCBR1.SumSwARs3	actVal

Not CB1 Control Close Block		
	CTRL.Q0CILO1.EnaCls	stVal
Not CB1 Control Open Block		
	CTRL.Q0CILO1.EnaOpn	stVal

1.6 CB2

Reyrolle	DOI	DA Group
CB2 Control		
	CTRL.Q0CSWI2.Pos	Oper.ctlVal
CB2 Control Close Block		
	CTRL.Q0XCBR2.BlkCls	stVal
CB2 Control Open Block		
	CTRL.Q0XCBR2.BlkOpn	stVal
CB2 Operations Counter		
	CTRL.Q0XCBR2.OpCnt	stVal
CB2 Status		
	CTRL.Q0CSWI2.Pos	stVal
	CTRL.Q0XCBR2.Pos	stVal
CB2 Wear PhA		
	CTRL.Q0XCBR2.SumSwARs1	actVal
CB2 Wear PhB		
	CTRL.Q0XCBR2.SumSwARs2	actVal
CB2 Wear PhC		
	CTRL.Q0XCBR2.SumSwARs3	actVal
Not CB2 Control Close Block		
	CTRL.Q0CILO2.EnaCls	stVal
Not CB2 Control Open Block		
	CTRL.Q0CILO2.EnaOpn	stVal

1.7 Change Group

Reyrolle	DOI	DA Group
Active Setting Group 1		
	PROT.LLN0.SGCB	ActSG

	PROT.LLN0.SGCB	LActTm
Active Setting Group 2		
	PROT.LLN0.SGCB	ActSG
	PROT.LLN0.SGCB	LActTm
Active Setting Group 3		
	PROT.LLN0.SGCB	ActSG
	PROT.LLN0.SGCB	LActTm
Active Setting Group 4		
	PROT.LLN0.SGCB	ActSG
	PROT.LLN0.SGCB	LActTm
Number of 61850 Controllable Setting Groups		
	PROT.LLN0.SGCB	NumOfSG

1.8 CURRENT METERS

Reyrolle	DOI	DA Group
W1 I Seq		
	MEAS.I_MSQI1.SeqA	c1.instCVal.mag.f
	MEAS.I_MSQI1.SeqA	c1.instCVal.ang.f
	MEAS.I_MSQI1.SeqA	c1.cVal.mag.f
	MEAS.I_MSQI1.SeqA	c1.cVal.ang.f
	MEAS.I_MSQI1.SeqA	c1.units.SIUnit
	MEAS.I_MSQI1.SeqA	c1.units.multiplier
	MEAS.I_MSQI1.SeqA	c1.angRef
W1 I Seq PhB		
	MEAS.I_MSQI1.SeqA	c2.instCVal.mag.f
	MEAS.I_MSQI1.SeqA	c2.instCVal.ang.f
	MEAS.I_MSQI1.SeqA	c2.cVal.mag.f
	MEAS.I_MSQI1.SeqA	c2.cVal.ang.f
	MEAS.I_MSQI1.SeqA	c2.units.SIUnit
	MEAS.I_MSQI1.SeqA	c2.units.multiplier
	MEAS.I_MSQI1.SeqA	c2.angRef
W1 I Seq PhC		
	MEAS.I_MSQI1.SeqA	c3.instCVal.mag.f
	MEAS.I_MSQI1.SeqA	c3.instCVal.ang.f

	MEAS.I_MSQI1.SeqA	c3.cVal.mag.f
	MEAS.I_MSQI1.SeqA	c3.cVal.ang.f
	MEAS.I_MSQI1.SeqA	c3.units.SIUnit
	MEAS.I_MSQI1.SeqA	c3.units.multiplier
	MEAS.I_MSQI1.SeqA	c3.angRef
W2 I Seq		
	MEAS.I_MSQI2.SeqA	c1.instCVal.mag.f
	MEAS.I_MSQI2.SeqA	c1.instCVal.ang.f
	MEAS.I_MSQI2.SeqA	c1.cVal.mag.f
	MEAS.I_MSQI2.SeqA	c1.cVal.ang.f
	MEAS.I_MSQI2.SeqA	c1.units.SIUnit
	MEAS.I_MSQI2.SeqA	c1.units.multiplier
	MEAS.I_MSQI2.SeqA	C1.angRef
W2 I Seq PhB		
	MEAS.I_MSQI2.SeqA	c2.instCVal.mag.f
	MEAS.I_MSQI2.SeqA	c2.instCVal.ang.f
	MEAS.I_MSQI2.SeqA	c2.cVal.mag.f
	MEAS.I_MSQI2.SeqA	c2.cVal.ang.f
	MEAS.I_MSQI2.SeqA	c2.units.SIUnit
	MEAS.I_MSQI2.SeqA	c2.units.multiplier
	MEAS.I_MSQI2.SeqA	c2.angRef
W2 I Seq PhC		
	MEAS.I_MSQI2.SeqA	c3.instCVal.mag.f
	MEAS.I_MSQI2.SeqA	c3.instCVal.ang.f
	MEAS.I_MSQI2.SeqA	c3.cVal.mag.f
	MEAS.I_MSQI2.SeqA	c3.cVal.ang.f
	MEAS.I_MSQI2.SeqA	c3.units.SIUnit
	MEAS.I_MSQI2.SeqA	c3.units.multiplier
	MEAS.I_MSQI2.SeqA	c3.angRef
W1 PhA		
	MEAS.I_MMXU1.A	phsA.instCVal.mag.f
	MEAS.I_MMXU1.A	phsA.instCVal.ang.f
	MEAS.I_MMXU1.A	phsA.cVal.mag.f
	MEAS.I_MMXU1.A	phsA.cVal.ang.f
	MEAS.I_MMXU1.A	phsA.units.SIUnit
	MEAS.I_MMXU1.A	phsA.units.multiplier

	MEAS.I_MM XU1.A	angRef
W1 PhB		
	MEAS.I_MM XU1.A	phsB.instCVal.mag.f
	MEAS.I_MM XU1.A	phsB.instCVal.ang.f
	MEAS.I_MM XU1.A	phsB.cVal.mag.f
	MEAS.I_MM XU1.A	phsB.cVal.ang.f
	MEAS.I_MM XU1.A	phsB.units.SIUnit
	MEAS.I_MM XU1.A	phsB.units.multiplier
	MEAS.I_MM XU1.A	angRef
W1 PhC		
	MEAS.I_MM XU1.A	phsC.instCVal.mag.f
	MEAS.I_MM XU1.A	phsC.instCVal.ang.f
	MEAS.I_MM XU1.A	phsC.cVal.mag.f
	MEAS.I_MM XU1.A	phsC.cVal.ang.f
	MEAS.I_MM XU1.A	phsC.units.SIUnit
	MEAS.I_MM XU1.A	phsC.units.multiplier
	MEAS.I_MM XU1.A	angRef
W2 PhA		
	MEAS.I_MM XU2.A	phsA.instCVal.mag.f
	MEAS.I_MM XU2.A	phsA.instCVal.ang.f
	MEAS.I_MM XU2.A	phsA.cVal.mag.f
	MEAS.I_MM XU2.A	phsA.cVal.ang.f
	MEAS.I_MM XU2.A	phsA.units.SIUnit
	MEAS.I_MM XU2.A	phsA.units.multiplier
	MEAS.I_MM XU2.A	angRef
W2 PhB		
	MEAS.I_MM XU2.A	phsB.instCVal.mag.f
	MEAS.I_MM XU2.A	phsB.instCVal.ang.f
	MEAS.I_MM XU2.A	phsB.cVal.mag.f
	MEAS.I_MM XU2.A	phsB.cVal.ang.f
	MEAS.I_MM XU2.A	phsB.units.SIUnit
	MEAS.I_MM XU2.A	phsB.units.multiplier
	MEAS.I_MM XU2.A	angRef
W2 PhC		
	MEAS.I_MM XU2.A	phsC.instCVal.mag.f
	MEAS.I_MM XU2.A	phsC.instCVal.ang.f

	MEAS.I_MM XU2.A	phsC.cVal.mag.f
	MEAS.I_MM XU2.A	phsC.cVal.ang.f
	MEAS.I_MM XU2.A	phsC.units.SIUnit
	MEAS.I_MM XU2.A	phsC.units.multiplier
	MEAS.I_MM XU2.A	angRef
Measured Earth-1 (Ig-1)		
	MEAS.Ig1MMXN1.Amp	instMag.f
	MEAS.Ig1MMXN1.Amp	Mag.f
	MEAS.Ig1MMXN1.Amp	units.SIUnit
	MEAS.Ig1MMXN1.Amp	units.multiplier
Measured Earth-2 (Ig-2)		
	MEAS.Ig2MMXN2.Amp	instMag.f
	MEAS.Ig2MMXN2.Amp	Mag.f
	MEAS.Ig2MMXN2.Amp	units.SIUnit
	MEAS.Ig2MMXN2.Amp	units.multiplier

1.9 Delta Trip Counters

Reyrolle	DOI	DA Group
CB1 Delta Trip Count		
	CTRL.CntDelGGIO1.ISCSO1	stVal
CB1 Delta Trip Count Enabled		
	CTRL.CntDelGGIO1.Mod	stVal
	CTRL.CntDelGGIO1.Beh	stVal
CB1 Delta Trip Count Operated		
	CTRL.CntDelGGIO1.SPCSO	stVal
CB1 Delta Trip Count Target		
	CTRL.CntDelGGIO1.ISCSO2	stVal
CB2 Delta Trip Count		
	CTRL.CntDelGGIO2.ISCSO1	stVal
CB2 Delta Trip Count Enabled		
	CTRL.CntDelGGIO2.Mod	stVal
	CTRL.CntDelGGIO2.Beh	stVal
CB2 Delta Trip Count Operated		
	CTRL.CntDelGGIO2.SPCSO	stVal
CB2 Delta Trip Count Target		

	CTRL.CntDelGGIO2.ISCSO2	stVal
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1.10 DEMAND METERS

Reyrolle	DOI	DA Group
W1 Current Demand Max PhA		
	MEAS.I_MaxMMXU1.A	phsA.instCVal.mag.f
	MEAS.I_MaxMMXU1.A	phsA.cVal.mag.f
	MEAS.I_MaxMMXU1.A	phsA.units.SIUnit
	MEAS.I_MaxMMXU1.A	phsA.units.multiplier
W1 Current Demand Max PhB		
	MEAS.I_MaxMMXU1.A	phsB.instCVal.mag.f
	MEAS.I_MaxMMXU1.A	phsB.cVal.mag.f
	MEAS.I_MaxMMXU1.A	phsB.units.SIUnit
	MEAS.I_MaxMMXU1.A	phsB.units.multiplier
W1 Current Demand Max PhC		
	MEAS.I_MaxMMXU1.A	phsC.instCVal.mag.f
	MEAS.I_MaxMMXU1.A	phsC.cVal.mag.f
	MEAS.I_MaxMMXU1.A	phsC.units.SIUnit
	MEAS.I_MaxMMXU1.A	phsC.units.multiplier
W2 Current Demand Max PhA		
	MEAS.I_MaxMMXU2.A	phsA.instCVal.mag.f
	MEAS.I_MaxMMXU2.A	phsA.cVal.mag.f
	MEAS.I_MaxMMXU2.A	phsA.units.SIUnit
	MEAS.I_MaxMMXU2.A	phsA.units.multiplier
W2 Current Demand Max PhB		
	MEAS.I_MaxMMXU2.A	phsB.instCVal.mag.f
	MEAS.I_MaxMMXU2.A	phsB.cVal.mag.f
	MEAS.I_MaxMMXU2.A	phsB.units.SIUnit
	MEAS.I_MaxMMXU2.A	phsB.units.multiplier
W2 Current Demand Max PhC		
	MEAS.I_MaxMMXU2.A	phsC.instCVal.mag.f
	MEAS.I_MaxMMXU2.A	phsC.cVal.mag.f
	MEAS.I_MaxMMXU2.A	phsC.units.SIUnit
	MEAS.I_MaxMMXU2.A	phsC.units.multiplier
W1 Current Demand Mean PhA		
	MEAS.I_MeanMMXU1.A	phsA.instCVal.mag.f

	MEAS.I_MeanMMXU1.A	phsA.cVal.mag.f
	MEAS.I_MeanMMXU1.A	phsA.units.SIUnit
	MEAS.I_MeanMMXU1.A	phsA.units.multiplier
W1 Current Demand Mean PhB		
	MEAS.I_MeanMMXU1.A	phsB.instCVal.mag.f
	MEAS.I_MeanMMXU1.A	phsB.cVal.mag.f
	MEAS.I_MeanMMXU1.A	phsB.units.SIUnit
	MEAS.I_MeanMMXU1.A	phsB.units.multiplier
W1 Current Demand Mean PhC		
	MEAS.I_MeanMMXU1.A	phsC.instCVal.mag.f
	MEAS.I_MeanMMXU1.A	phsC.cVal.mag.f
	MEAS.I_MeanMMXU1.A	phsC.units.SIUnit
	MEAS.I_MeanMMXU1.A	phsC.units.multiplier
W2 Current Demand Mean PhA		
	MEAS.I_MeanMMXU2.A	phsA.instCVal.mag.f
	MEAS.I_MeanMMXU2.A	phsA.cVal.mag.f
	MEAS.I_MeanMMXU2.A	phsA.units.SIUnit
	MEAS.I_MeanMMXU2.A	phsA.units.multiplier
W2 Current Demand Mean PhB		
	MEAS.I_MeanMMXU2.A	phsB.instCVal.mag.f
	MEAS.I_MeanMMXU2.A	phsB.cVal.mag.f
	MEAS.I_MeanMMXU2.A	phsB.units.SIUnit
	MEAS.I_MeanMMXU2.A	phsB.units.multiplier
W2 Current Demand Mean PhC		
	MEAS.I_MeanMMXU2.A	phsC.instCVal.mag.f
	MEAS.I_MeanMMXU2.A	phsC.cVal.mag.f
	MEAS.I_MeanMMXU2.A	phsC.units.SIUnit
	MEAS.I_MeanMMXU2.A	phsC.units.multiplier
W1 Current Demand Min PhA		
	MEAS.I_MinMMXU1.A	phsA.instCVal.mag.f
	MEAS.I_MinMMXU1.A	phsA.cVal.mag.f
	MEAS.I_MinMMXU1.A	phsA.units.SIUnit
	MEAS.I_MinMMXU1.A	phsA.units.multiplier
W1 Current Demand Min PhB		
	MEAS.I_MinMMXU1.A	phsB.instCVal.mag.f
	MEAS.I_MinMMXU1.A	phsB.cVal.mag.f

	MEAS.I_MinMMXU1.A	phsB.units.SIUnit
	MEAS.I_MinMMXU1.A	phsB.units.multiplier
W1 Current Demand Min PhC		
	MEAS.I_MinMMXU1.A	phsC.instCVal.mag.f
	MEAS.I_MinMMXU1.A	phsC.cVal.mag.f
	MEAS.I_MinMMXU1.A	phsC.units.SIUnit
	MEAS.I_MinMMXU1.A	phsC.units.multiplier
W2 Current Demand Min PhA		
	MEAS.I_MinMMXU2.A	phsA.instCVal.mag.f
	MEAS.I_MinMMXU2.A	phsA.cVal.mag.f
	MEAS.I_MinMMXU2.A	phsA.units.SIUnit
	MEAS.I_MinMMXU2.A	phsA.units.multiplier
W2 Current Demand Min PhB		
	MEAS.I_MinMMXU2.A	phsB.instCVal.mag.f
	MEAS.I_MinMMXU2.A	phsB.cVal.mag.f
	MEAS.I_MinMMXU2.A	phsB.units.SIUnit
	MEAS.I_MinMMXU2.A	phsB.units.multiplier
W2 Current Demand Min PhC		
	MEAS.I_MinMMXU2.A	phsC.instCVal.mag.f
	MEAS.I_MinMMXU2.A	phsC.cVal.mag.f
	MEAS.I_MinMMXU2.A	phsC.units.SIUnit
	MEAS.I_MinMMXU2.A	phsC.units.multiplier
Voltage Demand Max		
	MEAS.V_MaxMMXN1.Vol	instMag.f
	MEAS.V_MaxMMXN1.Vol	mag.f
	MEAS.V_MaxMMXN1.Vol	units.SIUnit
	MEAS.V_MaxMMXN1.Vol	units.multiplier
Voltage Demand Mean		
	MEAS.V_MeanMMXN1.Vol	instMag.f
	MEAS.V_MeanMMXN1.Vol	mag.f
	MEAS.V_MeanMMXN1.Vol	units.SIUnit
	MEAS.V_MeanMMXN1.Vol	units.multiplier
Voltage Demand Min		
	MEAS.V_MinMMXN1.Vol	instMag.f
	MEAS.V_MinMMXN1.Vol	mag.f
	MEAS.V_MinMMXN1.Vol	units.SIUnit

	MEAS.V_MinMMXN1.Vol	units.multiplier
Frequency Demand Max		
	MEAS.V_MaxMMXN1.Hz	instMag.f
	MEAS.V_MaxMMXN1.Hz	mag.f
	MEAS.V_MaxMMXN1.Hz	units.SIUnit
	MEAS.V_MaxMMXN1.Hz	units.multiplier
Frequency Demand Mean		
	MEAS.V_MeanMMXN1.Hz	instMag.f
	MEAS.V_MeanMMXN1.Hz	mag.f
	MEAS.V_MeanMMXN1.Hz	units.SIUnit
	MEAS.V_MeanMMXN1.Hz	units.multiplier
Frequency Demand Min		
	MEAS.V_MinMMXN1.Hz	instMag.f
	MEAS.V_MinMMXN1.Hz	mag.f
	MEAS.V_MinMMXN1.Hz	units.SIUnit
	MEAS.V_MinMMXN1.Hz	units.multiplier

1.11 DERIVED E/F

Reyrolle	DOI	DA Group
50N-1 Enabled		
	PROT.A50nPTOC1.Mod	stVal
	PROT.A50nPTOC1.Beh	stVal
50N-1 Operated		
	PROT.A50nPTOC1.Op	general
50N-1 Pickup		
	PROT.A50nPTOC1.Str	general
50N-2 Enabled		
	PROT.A50nPTOC2.Mod	stVal
	PROT.A50nPTOC2.Beh	stVal
50N-2 Operated		
	PROT.A50nPTOC2.Op	general
50N-2 Pickup		
	PROT.A50nPTOC2.Str	general
51N-1 Enabled		
	PROT.A51nPTOC1.Mod	stVal

	PROT.A51nPTOC1.Beh	stVal
51N-1 Operated		
	PROT.A51nPTOC1.Op	general
51N-1 Pickup		
	PROT.A51nPTOC1.Str	general
51N-2 Enabled		
	PROT.A51nPTOC2.Mod	stVal
	PROT.A51nPTOC2.Beh	stVal
51N-2 Operated		
	PROT.A51nPTOC2.Op	general
51N-2 Pickup		
	PROT.A51nPTOC2.Str	general
Inhibit 50N-1		
	PROT.A50nPTOC1.Mod	stVal
	PROT.A50nPTOC1.Beh	stVal
Inhibit 50N-2		
	PROT.A50nPTOC2.Mod	stVal
	PROT.A50nPTOC2.Beh	stVal
Inhibit 51N-1		
	PROT.A51nPTOC1.Mod	stVal
	PROT.A51nPTOC1.Beh	stVal
Inhibit 51N-2		
	PROT.A51nPTOC2.Mod	stVal
	PROT.A51nPTOC2.Beh	stVal

1.12 DIFFERENTIAL METERS

Reyrolle	DOI	DA Group
W1 2 nd Harmonic PhA Magnitude		
	MEAS.Har2MMXU1.A	phsA.instCVal.mag.f
	MEAS.Har2MMXU1.A	phsA.cVal.mag.f
	MEAS.Har2MMXU1.A	phsA.units.SIUnit
	MEAS.Har2MMXU1.A	phsA.units.multiplier
W1 2 nd Harmonic PhB Magnitude		
	MEAS.Har2MMXU1.A	phsB.instCVal.mag.f
	MEAS.Har2MMXU1.A	phsB.cVal.mag.f

	MEAS.Har2MMXU1.A	phsB.units.SIUnit
	MEAS.Har2MMXU1.A	phsB.units.multiplier
W1 2 nd Harmonic PhC Magnitude		
	MEAS.Har2MMXU1.A	phsC.instCVal.mag.f
	MEAS.Har2MMXU1.A	phsC.cVal.mag.f
	MEAS.Har2MMXU1.A	phsC.units.SIUnit
	MEAS.Har2MMXU1.A	phsC.units.multiplier
W2 2 nd Harmonic PhA Magnitude		
	MEAS.Har2MMXU1.A	phsA.instCVal.mag.f
	MEAS.Har2MMXU1.A	phsA.cVal.mag.f
	MEAS.Har2MMXU1.A	phsA.units.SIUnit
	MEAS.Har2MMXU1.A	phsA.units.multiplier
W2 2 nd Harmonic PhB Magnitude		
	MEAS.Har2MMXU1.A	phsB.instCVal.mag.f
	MEAS.Har2MMXU1.A	phsB.cVal.mag.f
	MEAS.Har2MMXU1.A	phsB.units.SIUnit
	MEAS.Har2MMXU1.A	phsB.units.multiplier
W2 2 nd Harmonic PhC Magnitude		
	MEAS.Har2MMXU1.A	phsC.instCVal.mag.f
	MEAS.Har2MMXU1.A	phsC.cVal.mag.f
	MEAS.Har2MMXU1.A	phsC.units.SIUnit
	MEAS.Har2MMXU1.A	phsC.units.multiplier
W1 5 th Harmonic PhA Magnitude		
	MEAS.Har5MMXU1.A	phsA.instCVal.mag.f
	MEAS.Har5MMXU1.A	phsA.cVal.mag.f
	MEAS.Har5MMXU1.A	phsA.units.SIUnit
	MEAS.Har5MMXU1.A	phsA.units.multiplier
W1 5 th Harmonic PhB Magnitude		
	MEAS.Har5MMXU1.A	phsB.instCVal.mag.f
	MEAS.Har5MMXU1.A	phsB.cVal.mag.f
	MEAS.Har5MMXU1.A	phsB.units.SIUnit
	MEAS.Har5MMXU1.A	phsB.units.multiplier
W1 5 th Harmonic PhC Magnitude		
	MEAS.Har5MMXU1.A	phsC.instCVal.mag.f
	MEAS.Har5MMXU1.A	phsC.cVal.mag.f
	MEAS.Har5MMXU1.A	phsC.units.SIUnit

	MEAS.Har5MMXU1.A	phsC.units.multiplier
W2 5 th Harmonic PhA Magnitude		
	MEAS.Har5MMXU1.A	phsA.instCVal.mag.f
	MEAS.Har5MMXU1.A	phsA.cVal.mag.f
	MEAS.Har5MMXU1.A	phsA.units.SIUnit
	MEAS.Har5MMXU1.A	phsA.units.multiplier
W2 5 th Harmonic PhB Magnitude		
	MEAS.Har5MMXU1.A	phsB.instCVal.mag.f
	MEAS.Har5MMXU1.A	phsB.cVal.mag.f
	MEAS.Har5MMXU1.A	phsB.units.SIUnit
	MEAS.Har5MMXU1.A	phsB.units.multiplier
W2 5 th Harmonic PhC Magnitude		
	MEAS.Har5MMXU1.A	phsC.instCVal.mag.f
	MEAS.Har5MMXU1.A	phsC.cVal.mag.f
	MEAS.Har5MMXU1.A	phsC.units.SIUnit
	MEAS.Har5MMXU1.A	phsC.units.multiplier
W1 Relay PhA		
	MEAS.RelayMMXU1.A	phsA.instCVal.mag.f
	MEAS.RelayMMXU1.A	phsA.instCVal.ang.f
	MEAS.RelayMMXU1.A	phsA.cVal.mag.f
	MEAS.RelayMMXU1.A	phsA.cVal.ang.f
	MEAS.RelayMMXU1.A	phsA.units.SIUnit
	MEAS.RelayMMXU1.A	phsA.units.multiplier
	MEAS.RelayMMXU1.A	angRef
W1 Relay PhB		
	MEAS.RelayMMXU1.A	phsB.instCVal.mag.f
	MEAS.RelayMMXU1.A	phsB.instCVal.ang.f
	MEAS.RelayMMXU1.A	phsB.cVal.mag.f
	MEAS.RelayMMXU1.A	phsB.cVal.ang.f
	MEAS.RelayMMXU1.A	phsB.units.SIUnit
	MEAS.RelayMMXU1.A	phsB.units.multiplier
	MEAS.RelayMMXU1.A	angRef
W1 Relay PhC		
	MEAS.RelayMMXU1.A	phsC.instCVal.mag.f
	MEAS.RelayMMXU1.A	phsC.instCVal.ang.f
	MEAS.RelayMMXU1.A	phsC.cVal.mag.f

	MEAS.RelayMMXU1.A	phsC.cVal.ang.f
	MEAS.RelayMMXU1.A	phsC.units.SIUnit
	MEAS.RelayMMXU1.A	phsC.units.multiplier
	MEAS.RelayMMXU1.A	angRef
W2 Relay PhA		
	MEAS.RelayMMXU2.A	phsA.instCVal.mag.f
	MEAS.RelayMMXU2.A	phsA.instCVal.ang.f
	MEAS.RelayMMXU2.A	phsA.cVal.mag.f
	MEAS.RelayMMXU2.A	phsA.cVal.ang.f
	MEAS.RelayMMXU2.A	phsA.units.SIUnit
	MEAS.RelayMMXU2.A	phsA.units.multiplier
	MEAS.RelayMMXU2.A	angRef
W2 Relay PhB		
	MEAS.RelayMMXU2.A	phsB.instCVal.mag.f
	MEAS.RelayMMXU2.A	phsB.instCVal.ang.f
	MEAS.RelayMMXU2.A	phsB.cVal.mag.f
	MEAS.RelayMMXU2.A	phsB.cVal.ang.f
	MEAS.RelayMMXU2.A	phsB.units.SIUnit
	MEAS.RelayMMXU2.A	phsB.units.multiplier
	MEAS.RelayMMXU2.A	angRef
W2 Relay PhC		
	MEAS.RelayMMXU2.A	phsC.instCVal.mag.f
	MEAS.RelayMMXU2.A	phsC.instCVal.ang.f
	MEAS.RelayMMXU2.A	phsC.cVal.mag.f
	MEAS.RelayMMXU2.A	phsC.cVal.ang.f
	MEAS.RelayMMXU2.A	phsC.units.SIUnit
	MEAS.RelayMMXU2.A	phsC.units.multiplier
	MEAS.RelayMMXU2.A	angRef

1.13 DIFFERENTIAL PROT'N

Reyrolle	DOI	DA Group
81HBL2 Enabled		
	PROT.A81Hb2PHAR1.Mod	stVal
	PROT.A81Hb2PHAR1.Beh	stVal

81HBL2 PhA Pickup		
	PROT.A81Hb2PHAR1.Str	general
	PROT.A81Hb2PHAR1.Str	phsA
81HBL2 PhB Pickup		
	PROT.A81Hb2PHAR1.Str	general
	PROT.A81Hb2PHAR1.Str	phsB
81HBL2 PhC Pickup		
	PROT.A81Hb2PHAR1.Str	general
	PROT.A81Hb2PHAR1.Str	phsC
81HBL5 Enabled		
	PROT.A81Hb5PHAR1.Mod	stVal
	PROT.A81Hb5PHAR1.Beh	stVal
81HBL5 PhA Pickup		
	PROT.A81Hb5PHAR1.Str	general
	PROT.A81Hb5PHAR1.Str	phsA
81HBL5 PhB Pickup		
	PROT.A81Hb5PHAR1.Str	general
	PROT.A81Hb5PHAR1.Str	phsB
81HBL5 PhC Pickup		
	PROT.A81Hb5PHAR1.Str	general
	PROT.A81Hb5PHAR1.Str	phsC
87BD Enabled		
	PROT.A87BdPDIF1.Mod	stVal
	PROT.A87BdPDIF1.Beh	stVal
87BD Ia Operate		
	PROT.A87BdPDIF1.DifAClc	phsA.instCVal.mag.f
	PROT.A87BdPDIF1.DifAClc	phsA.units.SIUnit
	PROT.A87BdPDIF1.DifAClc	phsA.units.multiplier
87BD Ia Operate		
	PROT.A87BdPDIF1.DifAClc	phsA.cVal.mag.f
87BD Ia Restrain		
	PROT.A87BdPDIF1.RstA	phsA.cVal.mag.f
	PROT.A87BdPDIF1.RstA	phsA.instCVal.mag.f
	PROT.A87BdPDIF1.RstA	phsA.units.SIUnit
	PROT.A87BdPDIF1.RstA	phsA.units.multiplier
87BD Ib Operate		

	PROT.A87BdPDIF1.DifAClc	phsB.cVal.mag.f
	PROT.A87BdPDIF1.DifAClc	phsB.instCVal.mag.f
	PROT.A87BdPDIF1.DifAClc	phsB.units.SIUnit
	PROT.A87BdPDIF1.DifAClc	phsB.units.multiplier
87BD Ib Restrain		
	PROT.A87BdPDIF1.RstA	phsB.cVal.mag.f
	PROT.A87BdPDIF1.RstA	phsB.instCVal.mag.f
	PROT.A87BdPDIF1.RstA	phsB.units.SIUnit
	PROT.A87BdPDIF1.RstA	phsB.units.multiplier
87BD Ic Operate		
	PROT.A87BdPDIF1.DifAClc	phsC.cVal.mag.f
	PROT.A87BdPDIF1.DifAClc	phsC.instCVal.mag.f
	PROT.A87BdPDIF1.DifAClc	phsC.units.SIUnit
	PROT.A87BdPDIF1.DifAClc	phsC.units.multiplier
87BD Ic Restrain		
	PROT.A87BdPDIF1.RstA	phsC.cVal.mag.f
	PROT.A87BdPDIF1.RstA	phsC.instCVal.mag.f
	PROT.A87BdPDIF1.RstA	phsC.units.SIUnit
	PROT.A87BdPDIF1.RstA	phsC.units.multiplier
87BD PhA Operated		
	PROT.A87BdPDIF1.Op	general
	PROT.A87BdPDIF1.Op	phsA
87BD PhB Operated		
	PROT.A87BdPDIF1.Op	general
	PROT.A87BdPDIF1.Op	phsB
87BD PhC Operated		
	PROT.A87BdPDIF1.Op	general
	PROT.A87BdPDIF1.Op	phsC
87HS Enabled		
	PROT.A87HsPDIF1.Mod	stVal
	PROT.A87HsPDIF1.Beh	stVal
87HS Operated		
	PROT.A87HsPDIF1.Op	general
87HS PhA Pickup		
	PROT.A87HsPDIF1.Str	general
	PROT.A87HsPDIF1.Str	phsA

87HS PhB Pickup		
	PROT.A87HsPDIF1.Str	general
	PROT.A87HsPDIF1.Str	phsB
87HS PhC Pickup		
	PROT.A87HsPDIF1.Str	general
	PROT.A87HsPDIF1.Str	phsC
Inhibit 81HBL2		
	PROT.A81Hb2PHAR1.Mod	stVal
	PROT.A81Hb2PHAR1.Beh	stVal
Inhibit 81HBL5		
	PROT.A81Hb5PHAR1.Mod	stVal
	PROT.A81Hb5PHAR1.Beh	stVal
Inhibit 87BD		
	PROT.A87BdPDIF1.Mod	stVal
	PROT.A87BdPDIF1.Beh	stVal
Inhibit 87HS		
	PROT.A87HsPDIF1.Mod	stVal
	PROT.A87HsPDIF1.Beh	stVal

1.14 Disturbance Recorder

Reyrolle	DOI	DA Group
Fault Number		
	DR.RDRE1.FltNum	stVal
Grid Fault Number		
	DR.RDRE1.GriFltNum	stVal
Recording Made		
	DR.RDRE1.RcdMade	stVal

1.15 Double Point Controls (Enhanced Security)

Reyrolle	DOI	DA Group
DPDOes 1 Control		
	CTRL.DPDOesGGIO1.DPCSO	Oper.ctlVal
DPDOes 1 Status		

	CTRL.DPDOesGGIO1.DPCSO	stVal
DPDOes 2 Control		
	CTRL.DPDOesGGIO2.DPCSO	Oper.ctlVal
DPDOes 2 Status		
	CTRL.DPDOesGGIO2.DPCSO	stVal
DPDOes 3 Control		
	CTRL.DPDOesGGIO3.DPCSO	Oper.ctlVal
DPDOes 3 Status		
	CTRL.DPDOesGGIO3.DPCSO	stVal
DPDOes 4 Control		
	CTRL.DPDOesGGIO4.DPCSO	Oper.ctlVal
DPDOes 4 Status		
	CTRL.DPDOesGGIO4.DPCSO	stVal

1.16 Double Point Controls (Normal Security)

Reyrolle	DOI	DA Group
DPDOs 1 Control		
	CTRL.DPDOsGGIO1.DPCSO	Oper.ctlVal
DPDOs 1 Status		
	CTRL.DPDOsGGIO1.DPCSO	stVal
DPDOs 2 Control		
	CTRL.DPDOsGGIO2.DPCSO	Oper.ctlVal
DPDOs 2 Status		
	CTRL.DPDOsGGIO2.DPCSO	stVal
DPDOs 3 Control		
	CTRL.DPDOsGGIO3.DPCSO	Oper.ctlVal
DPDOs 3 Status		
	CTRL.DPDOsGGIO3.DPCSO	stVal
DPDOs 4 Control		
	CTRL.DPDOsGGIO4.DPCSO	Oper.ctlVal
DPDOs 4 Status		
	CTRL.DPDOsGGIO4.DPCSO	stVal

1.17 Double Point Inputs

Reyrolle	DOI	DA Group
DPI8GGIO1 DPCSO 1		
	CTRL.DPI8GGIO1.DPCSO1	ctIVal
DPI8GGIO1 DPCSO 2		
	CTRL.DPI8GGIO1.DPCSO2	ctIVal
DPI8GGIO1 DPCSO 3		
	CTRL.DPI8GGIO1.DPCSO3	ctIVal
DPI8GGIO1 DPCSO 4		
	CTRL.DPI8GGIO1.DPCSO4	ctIVal
DPI8GGIO1 DPCSO 5		
	CTRL.DPI8GGIO1.DPCSO5	ctIVal
DPI8GGIO1 DPCSO 6		
	CTRL.DPI8GGIO1.DPCSO6	ctIVal
DPI8GGIO1 DPCSO 7		
	CTRL.DPI8GGIO1.DPCSO7	ctIVal
DPI8GGIO1 DPCSO 8		
	CTRL.DPI8GGIO1.DPCSO8	ctIVal
DPI8GGIO2 DPCSO 1		
	CTRL.DPI8GGIO2.DPCSO1	ctIVal
DPI8GGIO2 DPCSO 2		
	CTRL.DPI8GGIO2.DPCSO2	ctIVal
DPI8GGIO2 DPCSO 3		
	CTRL.DPI8GGIO2.DPCSO3	ctIVal
DPI8GGIO2 DPCSO 4		
	CTRL.DPI8GGIO2.DPCSO4	ctIVal
DPI8GGIO2 DPCSO 5		
	CTRL.DPI8GGIO2.DPCSO5	ctIVal
DPI8GGIO2 DPCSO 6		
	CTRL.DPI8GGIO2.DPCSO6	ctIVal
DPI8GGIO2 DPCSO 7		
	CTRL.DPI8GGIO2.DPCSO7	ctIVal
DPI8GGIO2 DPCSO 8		
	CTRL.DPI8GGIO2.DPCSO8	ctIVal

1.18 Double Point Outputs

Reyrolle	DOI	DA Group
DPo8GGIO1 Ind 1		
	CTRL.DPo8GGIO1.DPCSO1	stVal
DPo8GGIO1 Ind 2		
	CTRL.DPo8GGIO1.DPCSO2	stVal
DPo8GGIO1 Ind 3		
	CTRL.DPo8GGIO1.DPCSO3	stVal
DPo8GGIO1 Ind 4		
	CTRL.DPo8GGIO1.DPCSO4	stVal
DPo8GGIO1 Ind 5		
	CTRL.DPo8GGIO1.DPCSO5	stVal
DPo8GGIO1 Ind 6		
	CTRL.DPo8GGIO1.DPCSO6	stVal
DPo8GGIO1 Ind 7		
	CTRL.DPo8GGIO1.DPCSO7	stVal
DPo8GGIO1 Ind 8		
	CTRL.DPo8GGIO1.DPCSO8	stVal
DPo8GGIO2 Ind 1		
	CTRL.DPo8GGIO2.DPCSO1	stVal
DPo8GGIO2 Ind 2		
	CTRL.DPo8GGIO2.DPCSO2	stVal
DPo8GGIO2 Ind 3		
	CTRL.DPo8GGIO2.DPCSO3	stVal
DPo8GGIO2 Ind 4		
	CTRL.DPo8GGIO2.DPCSO4	stVal
DPo8GGIO2 Ind 5		
	CTRL.DPo8GGIO2.DPCSO5	stVal
DPo8GGIO2 Ind 6		
	CTRL.DPo8GGIO2.DPCSO6	stVal
DPo8GGIO2 Ind 7		
	CTRL.DPo8GGIO2.DPCSO7	stVal
DPo8GGIO2 Ind 8		
	CTRL.DPo8GGIO2.DPCSO8	stVal

1.19 FREQUENCY METERS

Reyrolle	DOI	DA Group
Frequency		
	MEAS.V_MMXXN1.Hz	instMag.f
	MEAS.V_MMXXN1.Hz	mag.f

1.20 General Trip Information

Reyrolle	DOI	DA Group
CB1 Trip		
	PROT.PTRC1.Tr	general
CB1 Trip Count		
	PROT.PTRC1.OpCntRs	stVal
CB2 Trip		
	PROT.PTRC2.Tr	general
CB2 Trip Count		
	PROT.PTRC2.OpCntRs	stVal
General Operate		
	PROT.PTRC1.Op	general
	PROT.PTRC2.Op	general
General Pickup		
	PROT.PTRC1.Str	general
	PROT.PTRC2.Str	general
Set CB1 Trip Count		
	PROT.PTRC1.OpCntRs	Oper.ctlVal
Set CB2 Trip Count		
	PROT.PTRC2.OpCntRs	Oper.ctlVal

1.21 LEDs

Reyrolle	DOI	DA Group
LED 1		
	CTRL.L24GGIO1.Ind1	stVal
LED 10		
	CTRL.L24GGIO1.Ind10	stVal

LED 11		
	CTRL.L24GGIO1.Ind11	stVal
LED 12		
	CTRL.L24GGIO1.Ind12	stVal
LED 13		
	CTRL.L24GGIO1.Ind13	stVal
LED 14		
	CTRL.L24GGIO1.Ind14	stVal
LED 15		
	CTRL.L24GGIO1.Ind15	stVal
LED 16		
	CTRL.L24GGIO1.Ind16	stVal
LED 17		
	CTRL.L24GGIO1.Ind17	stVal
LED 18		
	CTRL.L24GGIO1.Ind18	stVal
LED 19		
	CTRL.L24GGIO1.Ind19	stVal
LED 2		
	CTRL.L24GGIO1.Ind2	stVal
LED 20		
	CTRL.L24GGIO1.Ind20	stVal
LED 21		
	CTRL.L24GGIO1.Ind21	stVal
LED 22		
	CTRL.L24GGIO1.Ind22	stVal
LED 23		
	CTRL.L24GGIO1.Ind23	stVal
LED 24		
	CTRL.L24GGIO1.Ind24	stVal
LED 3		
	CTRL.L24GGIO1.Ind3	stVal
LED 4		
	CTRL.L24GGIO1.Ind4	stVal
LED 5		
	CTRL.L24GGIO1.Ind5	stVal

LED 6		
	CTRL.L24GGIO1.Ind6	stVal
LED 7		
	CTRL.L24GGIO1.Ind7	stVal
LED 8		
	CTRL.L24GGIO1.Ind8	stVal
LED 9		
	CTRL.L24GGIO1.Ind9	stVal

1.22 MEASURED E/F

Reyrolle	DOI	DA Group
50G-1 Enabled		
	PROT.A50gPTOC1.Mod	stVal
	PROT.A50gPTOC1.Beh	stVal
50G-1 Operated		
	PROT.A50gPTOC1.Op	general
50G-1 Pickup		
	PROT.A50gPTOC1.Str	general
50G-2 Enabled		
	PROT.A50gPTOC2.Mod	stVal
	PROT.A50gPTOC2.Beh	stVal
50G-2 Operated		
	PROT.A50gPTOC2.Op	general
50G-2 Pickup		
	PROT.A50gPTOC2.Str	general
51G-1 Enabled		
	PROT.A51gPTOC1.Mod	stVal
	PROT.A51gPTOC1.Beh	stVal
51G-1 Operated		
	PROT.A51gPTOC1.Op	general
51G-1 Pickup		
	PROT.A51gPTOC1.Str	general
51G-2 Enabled		
	PROT.A51gPTOC2.Mod	stVal
	PROT.A51gPTOC2.Beh	stVal

51G-2 Operated		
	PROT.A51gPTOC2.Op	general
51G-2 Pickup		
	PROT.A51gPTOC2.Str	general
51G-3 Enabled		
	PROT.A51gPTOC3.Mod	stVal
	PROT.A51gPTOC3.Beh	stVal
51G-3 Operated		
	PROT.A51gPTOC3.Op	general
51G-3 Pickup		
	PROT.A51gPTOC3.Str	general
51G-4 Enabled		
	PROT.A51gPTOC4.Mod	stVal
	PROT.A51gPTOC4.Beh	stVal
51G-4 Operated		
	PROT.A51gPTOC4.Op	general
51G-4 Pickup		
	PROT.A51gPTOC4.Str	general
Inhibit 50G-1		
	PROT.A50gPTOC1.Mod	stVal
	PROT.A50gPTOC1.Beh	stVal
Inhibit 50G-2		
	PROT.A50gPTOC2.Mod	stVal
	PROT.A50gPTOC2.Beh	stVal
Inhibit 51G-1		
	PROT.A51gPTOC1.Mod	stVal
	PROT.A51gPTOC1.Beh	stVal
Inhibit 51G-2		
	PROT.A51gPTOC2.Mod	stVal
	PROT.A51gPTOC2.Beh	stVal
Inhibit 51G-3		
	PROT.A51gPTOC3.Mod	stVal
	PROT.A51gPTOC3.Beh	stVal
Inhibit 51G-4		
	PROT.A51gPTOC4.Mod	stVal
	PROT.A51gPTOC4.Beh	stVal

1.23 NEUTRAL OVERVOLTAGE

Reyrolle	DOI	DA Group
59NDT Enabled		
	PROT.A59nDtPTOV1.Mod	stVal
	PROT.A59nDtPTOV1.Beh	stVal
59NDT Operated		
	PROT.A59nDtPTOV1.Op	general
59NDT Pickup		
	PROT.A59nDtPTOV1.Str	general
59NIT Enabled		
	PROT.A59nltPTOV1.Mod	stVal
	PROT.A59nltPTOV1.Beh	stVal
59NIT Operated		
	PROT.A59nltPTOV1.Op	general
59NIT Pickup		
	PROT.A59nltPTOV1.Str	general
Inhibit 59NDT		
	PROT.A59nDtPTOV1.Mod	stVal
	PROT.A59nDtPTOV1.Beh	stVal
Inhibit 59NIT		
	PROT.A59nltPTOV1.Mod	stVal
	PROT.A59nltPTOV1.Beh	stVal

1.24 NPS OVERCURRENT

Reyrolle	DOI	DA Group
46DT-1 Enabled		
	PROT.A46DtPTOC1.Mod	stVal
	PROT.A46DtPTOC1.Beh	stVal
46DT-1 Operated		
	PROT.A46DtPTOC1.Op	general
46DT-1 Pickup		
	PROT.A46DtPTOC1.Str	general

46DT-2 Enabled		
	PROT.A46DtPTOC2.Mod	stVal
	PROT.A46DtPTOC2.Beh	stVal
46DT-2 Operated		
	PROT.A46DtPTOC2.Op	general
46DT-2 Pickup		
	PROT.A46DtPTOC2.Str	general
46IT-1 Enabled		
	PROT.A46ItPTOC1.Mod	stVal
	PROT.A46ItPTOC1.Beh	stVal
46IT-1 Operated		
	PROT.A46ItPTOC1.Op	general
46IT-1 Pickup		
	PROT.A46ItPTOC1.Str	general
46IT-2 Enabled		
	PROT.A46ItPTOC2.Mod	stVal
	PROT.A46ItPTOC2.Beh	stVal
46IT-2 Operated		
	PROT.A46ItPTOC2.Op	general
46IT-2 Pickup		
	PROT.A46ItPTOC2.Str	general
Inhibit 46DT-1		
	PROT.A46DtPTOC1.Mod	stVal
	PROT.A46DtPTOC1.Beh	stVal
Inhibit 46DT-2		
	PROT.A46DtPTOC2.Mod	stVal
	PROT.A46DtPTOC2.Beh	stVal
Inhibit 46IT-1		
	PROT.A46ItPTOC1.Mod	stVal
	PROT.A46ItPTOC1.Beh	stVal
Inhibit 46IT-2		
	PROT.A46ItPTOC2.Mod	stVal
	PROT.A46ItPTOC2.Beh	stVal

1.25 OPEN CIRCUIT

Reyrolle	DOI	DA Group
46BC-1 Enabled		
	PROT.A46BcPTOC1.Mod	stVal
	PROT.A46BcPTOC1.Beh	stVal
46BC-1 Operated		
	PROT.A46BcPTOC1.Op	general
46BC-1 Pickup		
	PROT.A46BcPTOC1.Str	general
46BC-2 Enabled		
	PROT.A46BcPTOC2.Mod	stVal
	PROT.A46BcPTOC2.Beh	stVal
46BC-2 Operated		
	PROT.A46BcPTOC2.Op	general
46BC-2 Pickup		
	PROT.A46BcPTOC2.Str	general
Inhibit 46BC-1		
	PROT.A46BcPTOC1.Mod	stVal
	PROT.A46BcPTOC1.Beh	stVal
Inhibit 46BC-2		
	PROT.A46BcPTOC2.Mod	stVal
	PROT.A46BcPTOC2.Beh	stVal

1.26 OVERFLUXING

Reyrolle	DOI	DA Group
24DT-1 Enabled		
	PROT.A24DtPVPH1.Mod	stVal
	PROT.A24DtPVPH1.Beh	stVal
24DT-1 Operated		
	PROT.A24DtPVPH1.Op	general
24DT-1 Pickup		
	PROT.A24DtPVPH1.Str	general
24DT-2 Enabled		
	PROT.A24DtPVPH2.Mod	stVal

	PROT.A24DtPVPH2.Beh	stVal
24DT-2 Operated		
	PROT.A24DtPVPH2.Op	general
24DT-2 Pickup		
	PROT.A24DtPVPH2.Str	general
24IT Enabled		
	PROT.A24ItPVPH1.Mod	stVal
	PROT.A24ItPVPH1.Beh	stVal
24IT Operated		
	PROT.A24ItPVPH1.Op	general
24IT Pickup		
	PROT.A24ItPVPH1.Str	general
Inhibit 24DT-1		
	PROT.A24DtPVPH1.Mod	stVal
	PROT.A24DtPVPH1.Beh	stVal
Inhibit 24DT-2		
	PROT.A24DtPVPH2.Mod	stVal
	PROT.A24DtPVPH2.Beh	stVal
Inhibit 24IT		
	PROT.A24ItPVPH1.Mod	stVal
	PROT.A24ItPVPH1.Beh	stVal

1.27 PHASE OVERCURRENT

Reyrolle	DOI	DA Group
50-1 Enabled		
	PROT.A50PTOC1.Mod	stVal
	PROT.A50PTOC1.Beh	stVal
50-1 Operated		
	PROT.A50PTOC1.Op	general
50-1 PhA Pickup		
	PROT.A50PTOC1.Str	general
	PROT.A50PTOC1.Str	phsA
50-1 PhB Pickup		
	PROT.A50PTOC1.Str	general
	PROT.A50PTOC1.Str	phsB

50-1 PhC Pickup		
	PROT.A50PTOC1.Str	general
	PROT.A50PTOC1.Str	phsC
50-2 Enabled		
	PROT.A50PTOC2.Mod	stVal
	PROT.A50PTOC2.Beh	stVal
50-2 Operated		
	PROT.A50PTOC2.Op	general
50-2 PhA Pickup		
	PROT.A50PTOC2.Str	general
	PROT.A50PTOC2.Str	phsA
50-2 PhB Pickup		
	PROT.A50PTOC2.Str	general
	PROT.A50PTOC2.Str	phsB
50-2 PhC Pickup		
	PROT.A50PTOC2.Str	general
	PROT.A50PTOC2.Str	phsC
51-1 Enabled		
	PROT.A51PTOC1.Mod	stVal
	PROT.A51PTOC1.Beh	stVal
51-1 Operated		
	PROT.A51PTOC1.Op	general
51-1 PhA Pickup		
	PROT.A51PTOC1.Str	general
	PROT.A51PTOC1.Str	phsA
51-1 PhB Pickup		
	PROT.A51PTOC1.Str	general
	PROT.A51PTOC1.Str	phsB
51-1 PhC Pickup		
	PROT.A51PTOC1.Str	general
	PROT.A51PTOC1.Str	phsC
51-2 Enabled		
	PROT.A51PTOC2.Mod	stVal
	PROT.A51PTOC2.Beh	stVal
51-2 Operated		
	PROT.A51PTOC2.Op	general

51-2 PhA Pickup		
	PROT.A51PTOC2.Str	general
	PROT.A51PTOC2.Str	phsA
51-2 PhB Pickup		
	PROT.A51PTOC2.Str	general
	PROT.A51PTOC2.Str	phsB
51-2 PhC Pickup		
	PROT.A51PTOC2.Str	general
	PROT.A51PTOC2.Str	phsC
Inhibit 50-1		
	PROT.A50PTOC1.Mod	stVal
	PROT.A50PTOC1.Beh	stVal
Inhibit 50-2		
	PROT.A50PTOC2.Mod	stVal
	PROT.A50PTOC2.Beh	stVal
Inhibit 51-1		
	PROT.A51PTOC1.Mod	stVal
	PROT.A51PTOC1.Beh	stVal
Inhibit 51-2		
	PROT.A51PTOC2.Mod	stVal
	PROT.A51PTOC2.Beh	stVal

1.28 Quick Logic Equations

Reyrolle	DOI	DA Group
Quick Logic Equation 1		
	CTRL.E16GGIO1.Ind1	stVal
Quick Logic Equation 10		
	CTRL.E16GGIO1.Ind10	stVal
Quick Logic Equation 11		
	CTRL.E16GGIO1.Ind11	stVal
Quick Logic Equation 12		
	CTRL.E16GGIO1.Ind12	stVal
Quick Logic Equation 13		
	CTRL.E16GGIO1.Ind13	stVal
Quick Logic Equation 14		

	CTRL.E16GGIO1.Ind14	stVal
Quick Logic Equation 15		
	CTRL.E16GGIO1.Ind15	stVal
Quick Logic Equation 16		
	CTRL.E16GGIO1.Ind16	stVal
Quick Logic Equation 2		
	CTRL.E16GGIO1.Ind2	stVal
Quick Logic Equation 3		
	CTRL.E16GGIO1.Ind3	stVal
Quick Logic Equation 4		
	CTRL.E16GGIO1.Ind4	stVal
Quick Logic Equation 5		
	CTRL.E16GGIO1.Ind5	stVal
Quick Logic Equation 6		
	CTRL.E16GGIO1.Ind6	stVal
Quick Logic Equation 7		
	CTRL.E16GGIO1.Ind7	stVal
Quick Logic Equation 8		
	CTRL.E16GGIO1.Ind8	stVal
Quick Logic Equation 9		
	CTRL.E16GGIO1.Ind9	stVal

1.29 RESTRICTED E/F

Reyrolle	DOI	DA Group
64H-1 Enabled		
	PROT.A64hPTOC1.Mod	stVal
	PROT.A64hPTOC1.Beh	stVal
64H-1 Operated		
	PROT.A64hPTOC1.Op	general
64H-1 Pickup		
	PROT.A64hPTOC1.Str	general
64H-2 Enabled		
	PROT.A64hPTOC2.Mod	stVal
	PROT.A64hPTOC2.Beh	stVal
64H-2 Operated		

	PROT.A64hPTOC2.Op	general
64H-2 Pickup		
	PROT.A64hPTOC2.Str	general
Inhibit 64H-1		
	PROT.A64hPTOC1.Mod	stVal
	PROT.A64hPTOC1.Beh	stVal
Inhibit 64H-2		
	PROT.A64hPTOC2.Mod	stVal
	PROT.A64hPTOC2.Beh	stVal

1.30 Single Point Controls (Enhanced Security)

Reyrolle	DOI	DA Group
SPDOes 1 Control		
	CTRL.SPDOesGGIO1.SPCSO	Oper.ctlVal
SPDOes 1 Status		
	CTRL.SPDOesGGIO1.SPCSO	stVal
SPDOes 2 Control		
	CTRL.SPDOesGGIO2.SPCSO	Oper.ctlVal
SPDOes 2 Status		
	CTRL.SPDOesGGIO2.SPCSO	stVal
SPDOes 3 Control		
	CTRL.SPDOesGGIO3.SPCSO	Oper.ctlVal
SPDOes 3 Status		
	CTRL.SPDOesGGIO3.SPCSO	stVal
SPDOes 4 Control		
	CTRL.SPDOesGGIO4.SPCSO	Oper.ctlVal
SPDOes 4 Status		
	CTRL.SPDOesGGIO4.SPCSO	stVal

1.31 Single Point Controls (Normal Security)

Reyrolle	DOI	DA Group
SPDOs 1 Control		
	CTRL.SPDOsGGIO1.SPCSO	Oper.ctlVal

SPDOs 1 Status		
	CTRL.SPDOsGGIO1.SPCSO	stVal
SPDOs 2 Control		
	CTRL.SPDOsGGIO2.SPCSO	Oper.ctlVal
SPDOs 2 Status		
	CTRL.SPDOsGGIO2.SPCSO	stVal
SPDOs 3 Control		
	CTRL.SPDOsGGIO3.SPCSO	Oper.ctlVal
SPDOs 3 Status		
	CTRL.SPDOsGGIO3.SPCSO	stVal
SPDOs 4 Control		
	CTRL.SPDOsGGIO4.SPCSO	Oper.ctlVal
SPDOs 4 Status		
	CTRL.SPDOsGGIO4.SPCSO	stVal

1.32 Single Point Inputs

Reyrolle	DOI	DA Group
SPi64GGIO1 SPCSO 1		
	CTRL.SPi64GGIO1.SPCSO1	ctlVal
SPi64GGIO1 SPCSO 10		
	CTRL.SPi64GGIO1.SPCSO10	ctlVal
SPi64GGIO1 SPCSO 11		
	CTRL.SPi64GGIO1.SPCSO11	ctlVal
SPi64GGIO1 SPCSO 12		
	CTRL.SPi64GGIO1.SPCSO12	ctlVal
SPi64GGIO1 SPCSO 13		
	CTRL.SPi64GGIO1.SPCSO13	ctlVal
SPi64GGIO1 SPCSO 14		
	CTRL.SPi64GGIO1.SPCSO14	ctlVal
SPi64GGIO1 SPCSO 15		
	CTRL.SPi64GGIO1.SPCSO15	ctlVal
SPi64GGIO1 SPCSO 16		
	CTRL.SPi64GGIO1.SPCSO16	ctlVal
SPi64GGIO1 SPCSO 17		
	CTRL.SPi64GGIO1.SPCSO17	ctlVal

SPi64GGIO1 SPCSO 18		
	CTRL.SPi64GGIO1.SPCSO18	ctlVal
SPi64GGIO1 SPCSO 19		
	CTRL.SPi64GGIO1.SPCSO19	ctlVal
SPi64GGIO1 SPCSO 2		
	CTRL.SPi64GGIO1.SPCSO2	ctlVal
SPi64GGIO1 SPCSO 20		
	CTRL.SPi64GGIO1.SPCSO20	ctlVal
SPi64GGIO1 SPCSO 21		
	CTRL.SPi64GGIO1.SPCSO21	ctlVal
SPi64GGIO1 SPCSO 22		
	CTRL.SPi64GGIO1.SPCSO22	ctlVal
SPi64GGIO1 SPCSO 23		
	CTRL.SPi64GGIO1.SPCSO23	ctlVal
SPi64GGIO1 SPCSO 24		
	CTRL.SPi64GGIO1.SPCSO24	ctlVal
SPi64GGIO1 SPCSO 25		
	CTRL.SPi64GGIO1.SPCSO25	ctlVal
SPi64GGIO1 SPCSO 26		
	CTRL.SPi64GGIO1.SPCSO26	ctlVal
SPi64GGIO1 SPCSO 27		
	CTRL.SPi64GGIO1.SPCSO27	ctlVal
SPi64GGIO1 SPCSO 28		
	CTRL.SPi64GGIO1.SPCSO28	ctlVal
SPi64GGIO1 SPCSO 29		
	CTRL.SPi64GGIO1.SPCSO29	ctlVal
SPi64GGIO1 SPCSO 3		
	CTRL.SPi64GGIO1.SPCSO3	ctlVal
SPi64GGIO1 SPCSO 30		
	CTRL.SPi64GGIO1.SPCSO30	ctlVal
SPi64GGIO1 SPCSO 31		
	CTRL.SPi64GGIO1.SPCSO31	ctlVal
SPi64GGIO1 SPCSO 32		
	CTRL.SPi64GGIO1.SPCSO32	ctlVal
SPi64GGIO1 SPCSO 33		
	CTRL.SPi64GGIO1.SPCSO33	ctlVal

SPi64GGIO1 SPCSO 34		
	CTRL.SPi64GGIO1.SPCSO34	ctIVal
SPi64GGIO1 SPCSO 35		
	CTRL.SPi64GGIO1.SPCSO35	ctIVal
SPi64GGIO1 SPCSO 36		
	CTRL.SPi64GGIO1.SPCSO36	ctIVal
SPi64GGIO1 SPCSO 37		
	CTRL.SPi64GGIO1.SPCSO37	ctIVal
SPi64GGIO1 SPCSO 38		
	CTRL.SPi64GGIO1.SPCSO38	ctIVal
SPi64GGIO1 SPCSO 39		
	CTRL.SPi64GGIO1.SPCSO39	ctIVal
SPi64GGIO1 SPCSO 4		
	CTRL.SPi64GGIO1.SPCSO4	ctIVal
SPi64GGIO1 SPCSO 40		
	CTRL.SPi64GGIO1.SPCSO40	ctIVal
SPi64GGIO1 SPCSO 41		
	CTRL.SPi64GGIO1.SPCSO41	ctIVal
SPi64GGIO1 SPCSO 42		
	CTRL.SPi64GGIO1.SPCSO42	ctIVal
SPi64GGIO1 SPCSO 43		
	CTRL.SPi64GGIO1.SPCSO43	ctIVal
SPi64GGIO1 SPCSO 44		
	CTRL.SPi64GGIO1.SPCSO44	ctIVal
SPi64GGIO1 SPCSO 45		
	CTRL.SPi64GGIO1.SPCSO45	ctIVal
SPi64GGIO1 SPCSO 46		
	CTRL.SPi64GGIO1.SPCSO46	ctIVal
SPi64GGIO1 SPCSO 47		
	CTRL.SPi64GGIO1.SPCSO47	ctIVal
SPi64GGIO1 SPCSO 48		
	CTRL.SPi64GGIO1.SPCSO48	ctIVal
SPi64GGIO1 SPCSO 49		
	CTRL.SPi64GGIO1.SPCSO49	ctIVal
SPi64GGIO1 SPCSO 5		
	CTRL.SPi64GGIO1.SPCSO5	ctIVal

SPi64GGIO1 SPCSO 50		
	CTRL.SPi64GGIO1.SPCSO50	ctlVal
SPi64GGIO1 SPCSO 51		
	CTRL.SPi64GGIO1.SPCSO51	ctlVal
SPi64GGIO1 SPCSO 52		
	CTRL.SPi64GGIO1.SPCSO52	ctlVal
SPi64GGIO1 SPCSO 53		
	CTRL.SPi64GGIO1.SPCSO53	ctlVal
SPi64GGIO1 SPCSO 54		
	CTRL.SPi64GGIO1.SPCSO54	ctlVal
SPi64GGIO1 SPCSO 55		
	CTRL.SPi64GGIO1.SPCSO55	ctlVal
SPi64GGIO1 SPCSO 56		
	CTRL.SPi64GGIO1.SPCSO56	ctlVal
SPi64GGIO1 SPCSO 57		
	CTRL.SPi64GGIO1.SPCSO57	ctlVal
SPi64GGIO1 SPCSO 58		
	CTRL.SPi64GGIO1.SPCSO58	ctlVal
SPi64GGIO1 SPCSO 59		
	CTRL.SPi64GGIO1.SPCSO59	ctlVal
SPi64GGIO1 SPCSO 6		
	CTRL.SPi64GGIO1.SPCSO6	ctlVal
SPi64GGIO1 SPCSO 60		
	CTRL.SPi64GGIO1.SPCSO60	ctlVal
SPi64GGIO1 SPCSO 61		
	CTRL.SPi64GGIO1.SPCSO61	ctlVal
SPi64GGIO1 SPCSO 62		
	CTRL.SPi64GGIO1.SPCSO62	ctlVal
SPi64GGIO1 SPCSO 63		
	CTRL.SPi64GGIO1.SPCSO63	ctlVal
SPi64GGIO1 SPCSO 64		
	CTRL.SPi64GGIO1.SPCSO64	ctlVal
SPi64GGIO1 SPCSO 7		
	CTRL.SPi64GGIO1.SPCSO7	ctlVal
SPi64GGIO1 SPCSO 8		
	CTRL.SPi64GGIO1.SPCSO8	ctlVal

SPi64GGIO1 SPCSO 9		
	CTRL.SPi64GGIO1.SPCSO9	ctVal

1.33 Single Point Outputs

Reyrolle	DOI	DA Group
SPo32GGIO1 Ind 1		
	CTRL.SPo32GGIO1.Ind1	stVal
SPo32GGIO1 Ind 10		
	CTRL.SPo32GGIO1.Ind10	stVal
SPo32GGIO1 Ind 11		
	CTRL.SPo32GGIO1.Ind11	stVal
SPo32GGIO1 Ind 12		
	CTRL.SPo32GGIO1.Ind12	stVal
SPo32GGIO1 Ind 13		
	CTRL.SPo32GGIO1.Ind13	stVal
SPo32GGIO1 Ind 14		
	CTRL.SPo32GGIO1.Ind14	stVal
SPo32GGIO1 Ind 15		
	CTRL.SPo32GGIO1.Ind15	stVal
SPo32GGIO1 Ind 16		
	CTRL.SPo32GGIO1.Ind16	stVal
SPo32GGIO1 Ind 17		
	CTRL.SPo32GGIO1.Ind17	stVal
SPo32GGIO1 Ind 18		
	CTRL.SPo32GGIO1.Ind18	stVal
SPo32GGIO1 Ind 19		
	CTRL.SPo32GGIO1.Ind19	stVal
SPo32GGIO1 Ind 2		
	CTRL.SPo32GGIO1.Ind2	stVal
SPo32GGIO1 Ind 20		
	CTRL.SPo32GGIO1.Ind20	stVal
SPo32GGIO1 Ind 21		
	CTRL.SPo32GGIO1.Ind21	stVal
SPo32GGIO1 Ind 22		
	CTRL.SPo32GGIO1.Ind22	stVal

SPo32GGIO1 Ind 23		
	CTRL.SPo32GGIO1.Ind23	stVal
SPo32GGIO1 Ind 24		
	CTRL.SPo32GGIO1.Ind24	stVal
SPo32GGIO1 Ind 25		
	CTRL.SPo32GGIO1.Ind25	stVal
SPo32GGIO1 Ind 26		
	CTRL.SPo32GGIO1.Ind26	stVal
SPo32GGIO1 Ind 27		
	CTRL.SPo32GGIO1.Ind27	stVal
SPo32GGIO1 Ind 28		
	CTRL.SPo32GGIO1.Ind28	stVal
SPo32GGIO1 Ind 29		
	CTRL.SPo32GGIO1.Ind29	stVal
SPo32GGIO1 Ind 3		
	CTRL.SPo32GGIO1.Ind3	stVal
SPo32GGIO1 Ind 30		
	CTRL.SPo32GGIO1.Ind30	stVal
SPo32GGIO1 Ind 31		
	CTRL.SPo32GGIO1.Ind31	stVal
SPo32GGIO1 Ind 32		
	CTRL.SPo32GGIO1.Ind32	stVal
SPo32GGIO1 Ind 4		
	CTRL.SPo32GGIO1.Ind4	stVal
SPo32GGIO1 Ind 5		
	CTRL.SPo32GGIO1.Ind5	stVal
SPo32GGIO1 Ind 6		
	CTRL.SPo32GGIO1.Ind6	stVal
SPo32GGIO1 Ind 7		
	CTRL.SPo32GGIO1.Ind7	stVal
SPo32GGIO1 Ind 8		
	CTRL.SPo32GGIO1.Ind8	stVal
SPo32GGIO1 Ind 9		
	CTRL.SPo32GGIO1.Ind9	stVal

1.34 THERMAL

Reyrolle	DOI	DA Group
49 Enabled		
	PROT.A49PTTR1.Mod	stVal
	PROT.A49PTTR1.Beh	stVal
49 Operated		
	PROT.A49PTTR1.Op	general
49 Pickup		
	PROT.A49PTTR1.Str	general
49 Thermal Alarm		
	PROT.A49PTTR1.AlmThm	general
Inhibit 49		
	PROT.A49PTTR1.Mod	stVal
	PROT.A49PTTR1.Beh	stVal

1.35 U/O FREQUENCY

Reyrolle	DOI	DA Group
81-1 Enabled		
	PROT.A81PTOF1.Mod	stVal
	PROT.A81PTOF1.Beh	stVal
	PROT.A81PTUF1.Mod	stVal
	PROT.A81PTUF1.Beh	stVal
81-1 Operated		
	PROT.A81PTOF1.Op	general
	PROT.A81PTUF1.Op	general
81-1 Pickup		
	PROT.A81PTOF1.Str	general
	PROT.A81PTUF1.Str	general
81-2 Enabled		
	PROT.A81PTOF2.Mod	stVal
	PROT.A81PTOF2.Beh	stVal
	PROT.A81PTUF2.Mod	stVal
	PROT.A81PTUF2.Beh	stVal
81-2 Operated		

	PROT.A81PTOF2.Op	general
	PROT.A81PTUF2.Op	general
81-2 Pickup		
	PROT.A81PTOF2.Str	general
	PROT.A81PTUF2.Str	general
81-3 Enabled		
	PROT.A81PTOF3.Mod	stVal
	PROT.A81PTOF3.Beh	stVal
	PROT.A81PTUF3.Mod	stVal
	PROT.A81PTUF3.Beh	stVal
81-3 Operated		
	PROT.A81PTOF3.Op	general
	PROT.A81PTUF3.Op	general
81-3 Pickup		
	PROT.A81PTOF3.Str	general
	PROT.A81PTUF3.Str	general
81-4 Enabled		
	PROT.A81PTOF4.Mod	stVal
	PROT.A81PTOF4.Beh	stVal
	PROT.A81PTUF4.Mod	stVal
	PROT.A81PTUF4.Beh	stVal
81-4 Operated		
	PROT.A81PTOF4.Op	general
	PROT.A81PTUF4.Op	general
81-4 Pickup		
	PROT.A81PTOF4.Str	general
	PROT.A81PTUF4.Str	general
81-5 Enabled		
	PROT.A81PTOF5.Mod	stVal
	PROT.A81PTOF5.Beh	stVal
	PROT.A81PTUF5.Mod	stVal
	PROT.A81PTUF5.Beh	stVal
81-5 Operated		
	PROT.A81PTOF5.Op	general
	PROT.A81PTUF5.Op	general
81-5 Pickup		

	PROT.A81PTOF5.Str	general
	PROT.A81PTUF5.Str	general
81-6 Enabled		
	PROT.A81PTOF6.Mod	stVal
	PROT.A81PTOF6.Beh	stVal
	PROT.A81PTUF6.Mod	stVal
	PROT.A81PTUF6.Beh	stVal
81-6 Operated		
	PROT.A81PTOF6.Op	general
	PROT.A81PTUF6.Op	general
81-6 Pickup		
	PROT.A81PTOF6.Str	general
	PROT.A81PTUF6.Str	general
Inhibit 81-1		
	PROT.A81PTOF1.Mod	stVal
	PROT.A81PTOF1.Beh	stVal
	PROT.A81PTUF1.Mod	stVal
	PROT.A81PTUF1.Beh	stVal
Inhibit 81-2		
	PROT.A81PTOF2.Mod	stVal
	PROT.A81PTOF2.Beh	stVal
	PROT.A81PTUF2.Mod	stVal
	PROT.A81PTUF2.Beh	stVal
Inhibit 81-3		
	PROT.A81PTOF3.Mod	stVal
	PROT.A81PTOF3.Beh	stVal
	PROT.A81PTUF3.Mod	stVal
	PROT.A81PTUF3.Beh	stVal
Inhibit 81-4		
	PROT.A81PTOF4.Mod	stVal
	PROT.A81PTOF4.Beh	stVal
	PROT.A81PTUF4.Mod	stVal
	PROT.A81PTUF4.Beh	stVal
Inhibit 81-5		
	PROT.A81PTOF5.Mod	stVal
	PROT.A81PTOF5.Beh	stVal

	PROT.A81PTUF5.Mod	stVal
	PROT.A81PTUF5.Beh	stVal
Inhibit 81-6		
	PROT.A81PTOF6.Mod	stVal
	PROT.A81PTOF6.Beh	stVal
	PROT.A81PTUF6.Mod	stVal
	PROT.A81PTUF6.Beh	stVal

1.36 U/O VOLTAGE

Reyrolle	DOI	DA Group
27/59-1 Enabled		
	PROT.A2759PTOV1.Mod	stVal
	PROT.A2759PTOV1.Beh	stVal
	PROT.A2759PTUV1.Mod	stVal
	PROT.A2759PTUV1.Beh	stVal
27/59-1 Operated		
	PROT.A2759PTOV1.Op	general
	PROT.A2759PTUV1.Op	general
27/59-1 Pickup		
	PROT.A2759PTOV1.Str	general
	PROT.A2759PTUV1.Str	general
27/59-2 Enabled		
	PROT.A2759PTOV2.Mod	stVal
	PROT.A2759PTOV2.Beh	stVal
	PROT.A2759PTUV2.Mod	stVal
	PROT.A2759PTUV2.Beh	stVal
27/59-2 Operated		
	PROT.A2759PTOV2.Op	general
	PROT.A2759PTUV2.Op	general
27/59-2 Pickup		
	PROT.A2759PTOV2.Str	general
	PROT.A2759PTUV2.Str	general
27/59-3 Enabled		
	PROT.A2759PTOV3.Mod	stVal
	PROT.A2759PTOV3.Beh	stVal

	PROT.A2759PTUV3.Mod	stVal
	PROT.A2759PTUV3.Beh	stVal
27/59-3 Operated		
	PROT.A2759PTOV3.Op	general
	PROT.A2759PTUV3.Op	general
27/59-3 Pickup		
	PROT.A2759PTOV3.Str	general
	PROT.A2759PTUV3.Str	general
27/59-4 Enabled		
	PROT.A2759PTOV4.Mod	stVal
	PROT.A2759PTOV4.Beh	stVal
	PROT.A2759PTUV4.Mod	stVal
	PROT.A2759PTUV4.Beh	stVal
27/59-4 Operated		
	PROT.A2759PTOV4.Op	general
	PROT.A2759PTUV4.Op	general
27/59-4 Pickup		
	PROT.A2759PTOV4.Str	general
	PROT.A2759PTUV4.Str	general
Inhibit 27/59-1		
	PROT.A2759PTOV1.Mod	stVal
	PROT.A2759PTOV1.Beh	stVal
	PROT.A2759PTUV1.Mod	stVal
	PROT.A2759PTUV1.Beh	stVal
Inhibit 27/59-2		
	PROT.A2759PTOV2.Mod	stVal
	PROT.A2759PTOV2.Beh	stVal
	PROT.A2759PTUV2.Mod	stVal
	PROT.A2759PTUV2.Beh	stVal
Inhibit 27/59-3		
	PROT.A2759PTOV3.Mod	stVal
	PROT.A2759PTOV3.Beh	stVal
	PROT.A2759PTUV3.Mod	stVal
	PROT.A2759PTUV3.Beh	stVal
Inhibit 27/59-4		
	PROT.A2759PTOV4.Mod	stVal

	PROT.A2759PTOV4.Beh	stVal
	PROT.A2759PTUV4.Mod	stVal
	PROT.A2759PTUV4.Beh	stVal

1.37 UNDER CURRENT

Reyrolle	DOI	DA Group
37-1 Enabled		
	PROT.A37PTUC1.Mod	stVal
	PROT.A37PTUC1.Beh	stVal
37-1 Operated		
	PROT.A37PTUC1.Op	general
37-1 PhA Pickup		
	PROT.A37PTUC1.Str	general
	PROT.A37PTUC1.Str	phsA
37-1 PhB Pickup		
	PROT.A37PTUC1.Str	general
	PROT.A37PTUC1.Str	phsB
37-1 PhC Pickup		
	PROT.A37PTUC1.Str	general
	PROT.A37PTUC1.Str	phsC
37-2 Enabled		
	PROT.A37PTUC2.Mod	stVal
	PROT.A37PTUC2.Beh	stVal
37-2 Operated		
	PROT.A37PTUC2.Op	general
37-2 PhA Pickup		
	PROT.A37PTUC2.Str	general
	PROT.A37PTUC2.Str	phsA
37-2 PhB Pickup		
	PROT.A37PTUC2.Str	general
	PROT.A37PTUC2.Str	phsB
37-2 PhC Pickup		
	PROT.A37PTUC2.Str	general
	PROT.A37PTUC2.Str	phsC
37G-1 Enabled		

	PROT.A37gPTUC1.Mod	stVal
	PROT.A37gPTUC1.Beh	stVal
37G-1 Operated		
	PROT.A37gPTUC1.Op	general
37G-1 Pickup		
	PROT.A37gPTUC1.Str	general
37G-2 Enabled		
	PROT.A37gPTUC2.Mod	stVal
	PROT.A37gPTUC2.Beh	stVal
37G-2 Operated		
	PROT.A37gPTUC2.Op	general
37G-2 Pickup		
	PROT.A37gPTUC2.Str	general
Inhibit 37-1		
	PROT.A37PTUC1.Mod	stVal
	PROT.A37PTUC1.Beh	stVal
Inhibit 37-2		
	PROT.A37PTUC2.Mod	stVal
	PROT.A37PTUC2.Beh	stVal
Inhibit 37G-1		
	PROT.A37gPTUC1.Mod	stVal
	PROT.A37gPTUC1.Beh	stVal
Inhibit 37G-2		
	PROT.A37gPTUC2.Mod	stVal
	PROT.A37gPTUC2.Beh	stVal

1.38 Virtuals

Reyrolle	DOI	DA Group
Virtual 1		
	CTRL.V16GGIO1.Ind1	stVal
Virtual 10		
	CTRL.V16GGIO1.Ind10	stVal
Virtual 11		
	CTRL.V16GGIO1.Ind11	stVal
Virtual 12		

	CTRL.V16GGIO1.Ind12	stVal
Virtual 13		
	CTRL.V16GGIO1.Ind13	stVal
Virtual 14		
	CTRL.V16GGIO1.Ind14	stVal
Virtual 15		
	CTRL.V16GGIO1.Ind15	stVal
Virtual 16		
	CTRL.V16GGIO1.Ind16	stVal
Virtual 2		
	CTRL.V16GGIO1.Ind2	stVal
Virtual 3		
	CTRL.V16GGIO1.Ind3	stVal
Virtual 4		
	CTRL.V16GGIO1.Ind4	stVal
Virtual 5		
	CTRL.V16GGIO1.Ind5	stVal
Virtual 6		
	CTRL.V16GGIO1.Ind6	stVal
Virtual 7		
	CTRL.V16GGIO1.Ind7	stVal
Virtual 8		
	CTRL.V16GGIO1.Ind8	stVal
Virtual 9		
	CTRL.V16GGIO1.Ind9	stVal

1.39 VOLTAGE METERS

Reyrolle	DOI	DA Group
Voltage		
	MEAS.V_MMVN1.Vol	instMag.f
	MEAS.V_MMVN1.Vol	mag.f
	MEAS.V_MMVN1.Vol	units.SIUnit
	MEAS.V_MMVN1.Vol	units.multiplier

IEC 61850 -> Reyrolle

1.40 PROT

1.40.1 A24DtPVPH1

Beh		
	stVal	Out of Service
		Inhibit 24DT-1
		24DT-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 24DT-1
		24DT-1 Enabled
Op		
	general	24DT-1 Operated
Str		
	dirGeneral	Non-Directional
	general	24DT-1 Pickup

1.40.2 A24DtPVPH2

Beh		
	stVal	Out of Service
		Inhibit 24DT-2
		24DT-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 24DT-2
		24DT-2 Enabled
Op		
	general	24DT-2 Operated
Str		
	dirGeneral	Non-Directional
	general	24DT-2 Pickup

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1.40.3 A24ItPVPH1

Beh		
	stVal	Out of Service
		Inhibit 24IT
		24IT Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 24IT
		24IT Enabled
Op		
	general	24IT Operated
Str		
	dirGeneral	Non-Directional
	general	24IT Pickup

1.40.4 A2759PTOV1

Beh		
	stVal	Out of Service
		Inhibit 27/59-1
		27/59-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 27/59-1
		27/59-1 Enabled
Op		
	general	27/59-1 Operated
Str		
	dirGeneral	Non-Directional
	general	27/59-1 Pickup

1.40.5 A2759PTOV2

Beh		
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	stVal	Out of Service
		Inhibit 27/59-2
		27/59-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 27/59-2
		27/59-2 Enabled
Op		
	general	27/59-2 Operated
Str		
	dirGeneral	Non-Directional
	general	27/59-2 Pickup

1.40.6 A2759PTOV3

Beh		
	stVal	Out of Service
		Inhibit 27/59-3
		27/59-3 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 27/59-3
		27/59-3 Enabled
Op		
	general	27/59-3 Operated
Str		
	dirGeneral	Non-Directional
	general	27/59-3 Pickup

1.40.7 A2759PTOV4

Beh		
	stVal	Out of Service
		Inhibit 27/59-4
		27/59-4 Enabled

Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 27/59-4
		27/59-4 Enabled
Op		
	general	27/59-4 Operated
Str		
	dirGeneral	Non-Directional
	general	27/59-4 Pickup

1.40.8 A2759PTUV1

Beh		
	stVal	Out of Service
		Inhibit 27/59-1
		27/59-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 27/59-1
		27/59-1 Enabled
Op		
	general	27/59-1 Operated
Str		
	dirGeneral	Non-Directional
	general	27/59-1 Pickup

1.40.9 A2759PTUV2

Beh		
	stVal	Out of Service
		Inhibit 27/59-2
		27/59-2 Enabled
Health		
	stVal	Protection Healthy
Mod		

	stVal	Inhibit 27/59-2
		27/59-2 Enabled
Op		
	general	27/59-2 Operated
Str		
	dirGeneral	Non-Directional
	general	27/59-2 Pickup

1.40.10 A2759PTUV3

Beh		
	stVal	Out of Service
		Inhibit 27/59-3
		27/59-3 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 27/59-3
		27/59-3 Enabled
Op		
	general	27/59-3 Operated
Str		
	dirGeneral	Non-Directional
	general	27/59-3 Pickup

1.40.11 A2759PTUV4

Beh		
	stVal	Out of Service
		Inhibit 27/59-4
		27/59-4 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 27/59-4
		27/59-4 Enabled
Op		

	general	27/59-4 Operated
Str		
	dirGeneral	Non-Directional
	general	27/59-4 Pickup

1.40.12 A37gPTUC1

Beh		
	stVal	Out of Service
		Inhibit 37G-1
		37G-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 37G-1
		37G-1 Enabled
Op		
	general	37G-1 Operated
Str		
	dirGeneral	Non-Directional
	general	37G-1 Pickup

1.40.13 A37gPTUC2

Beh		
	stVal	Out of Service
		Inhibit 37G-2
		37G-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 37G-2
		37G-2 Enabled
Op		
	general	37G-2 Operated
Str		
	dirGeneral	Non-Directional

	general	37G-2 Pickup

1.40.14 A37PTUC1

Beh		
	stVal	Out of Service
		Inhibit 37-1
		37-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 37-1
		37-1 Enabled
Op		
	general	37-1 Operated
Str		
	dirGeneral	Non-Directional
	dirPhsA	Non-Directional
	dirPhsB	Non-Directional
	dirPhsC	Non-Directional
	general	37-1 PhA Pickup
		37-1 PhB Pickup
		37-1 PhC Pickup
	phsA	37-1 PhA Pickup
	phsB	37-1 PhB Pickup
	phsC	37-1 PhC Pickup

1.40.15 A37PTUC2

Beh		
	stVal	Out of Service
		Inhibit 37-2
		37-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 37-2

		37-2 Enabled
Op		
	general	37-2 Operated
Str		
	dirGeneral	Non-Directional
	dirPhsA	Non-Directional
	dirPhsB	Non-Directional
	dirPhsC	Non-Directional
	general	37-2 PhA Pickup
		37-2 PhB Pickup
		37-2 PhC Pickup
	phsA	37-2 PhA Pickup
	phsB	37-2 PhB Pickup
	phsC	37-2 PhC Pickup

1.40.16 A46BcPTOC1

Beh		
	stVal	Out of Service
		Inhibit 46BC-1
		46BC-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 46BC-1
		46BC-1 Enabled
Op		
	general	46BC-1 Operated
Str		
	dirGeneral	Non-Directional
	general	46BC-1 Pickup

1.40.17 A46BcPTOC2

Beh		
	stVal	Out of Service
		Inhibit 46BC-2

		46BC-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 46BC-2
		46BC-2 Enabled
Op		
	general	46BC-2 Operated
Str		
	dirGeneral	Non-Directional
	general	46BC-2 Pickup

1.40.18 A46DtPTOC1

Beh		
	stVal	Out of Service
		Inhibit 46DT-1
		46DT-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 46DT-1
		46DT-1 Enabled
Op		
	general	46DT-1 Operated
Str		
	dirGeneral	Non-Directional
	general	46DT-1 Pickup

1.40.19 A46DtPTOC2

Beh		
	stVal	Out of Service
		Inhibit 46DT-2
		46DT-2 Enabled
Health		
	stVal	Protection Healthy

Mod		
	stVal	Inhibit 46DT-2
		46DT-2 Enabled
Op		
	general	46DT-2 Operated
Str		
	dirGeneral	Non-Directional
	general	46DT-2 Pickup

1.40.20 A46ItPTOC1

Beh		
	stVal	Out of Service
		Inhibit 46IT-1
		46IT-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 46IT-1
		46IT-1 Enabled
Op		
	general	46IT-1 Operated
Str		
	general	46IT-1 Pickup

1.40.21 A46ItPTOC2

Beh		
	stVal	Out of Service
		Inhibit 46IT-2
		46IT-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 46IT-2
		46IT-2 Enabled
Op		

	general	46IT-2 Operated
Str		
	general	46IT-2 Pickup

1.40.22 A49PTTR1

AlmThm		
	general	49 Thermal Alarm
Beh		
	stVal	Inhibit 49
		49 Enabled
		Protection Active
		Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 49
		49 Enabled
Op		
	general	49 Operated
Str		
	dirGeneral	Non-Directional
	general	49 Pickup

1.40.23 A50BfRBRF1

Beh		
	stVal	Inhibit 50BF-1
		50BF-1 Enabled
		Protection Active
		Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 50BF-1
		50BF-1 Enabled
OpEx		

	general	50BF-1-2
OpIn		
	general	50BF-1-1
Str		
	dirGeneral	Non-Directional
	general	50BF-1 Pickup

1.40.24 A50BfRBRF2

Beh		
	stVal	Inhibit 50BF-2
		50BF-2 Enabled
		Protection Active
		Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 50BF-2
		50BF-2 Enabled
OpEx		
	general	50BF-2-2
OpIn		
	general	50BF-2-1
Str		
	dirGeneral	Non-Directional
	general	50BF-2 Pickup

1.40.25 A50gPTOC1

Beh		
	stVal	Out of Service
		Inhibit 50G-1
		50G-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 50G-1

		50G-1 Enabled
Op		
	general	50G-1 Operated
Str		
	dirGeneral	Non-Directional
	general	50G-1 Pickup

1.40.26 A50gPTOC2

Beh		
	stVal	Out of Service
		Inhibit 50G-2
		50G-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 50G-2
		50G-2 Enabled
Op		
	general	50G-2 Operated
Str		
	dirGeneral	Non-Directional
	general	50G-2 Pickup

1.40.27 A50nPTOC1

Beh		
	stVal	Out of Service
		Inhibit 50N-1
		50N-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 50N-1
		50N-1 Enabled
Op		
	general	50N-1 Operated

Str		
	dirGeneral	Non-Directional
	general	50N-1 Pickup

1.40.28 A50nPTOC2

Beh		
	stVal	Out of Service
		Inhibit 50N-2
		50N-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 50N-2
		50N-2 Enabled
Op		
	general	50N-2 Operated
Str		
	dirGeneral	Non-Directional
	general	50N-2 Pickup

1.40.29 A50PTOC1

Beh		
	stVal	Out of Service
		Inhibit 50-1
		50-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 50-1
		50-1 Enabled
Op		
	general	50-1 Operated
Str		
	dirGeneral	Non-Directional
	dirPhsA	Non-Directional

	dirPhsB	Non-Directional
	dirPhsC	Non-Directional
	general	50-1 PhA Pickup
		50-1 PhB Pickup
		50-1 PhC Pickup
	phsA	50-1 PhA Pickup
	phsB	50-1 PhB Pickup
	phsC	50-1 PhC Pickup

1.40.30 A50PTOC2

Beh		
	stVal	Out of Service
		Inhibit 50-2
		50-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 50-2
		50-2 Enabled
Op		
	general	50-2 Operated
Str		
	dirGeneral	Non-Directional
	dirPhsA	Non-Directional
	dirPhsB	Non-Directional
	dirPhsC	Non-Directional
	general	50-2 PhA Pickup
		50-2 PhB Pickup
		50-2 PhC Pickup
	phsA	50-2 PhA Pickup
	phsB	50-2 PhB Pickup
	phsC	50-2 PhC Pickup

1.40.31 A51gPTOC1

Beh		
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	stVal	Out of Service
		Inhibit 51G-1
		51G-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 51G-1
		51G-1 Enabled
Op		
	general	51G-1 Operated
Str		
	general	51G-1 Pickup

1.40.32 A51gPTOC2

Beh		
	stVal	Out of Service
		Inhibit 51G-2
		51G-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 51G-2
		51G-2 Enabled
Op		
	general	51G-2 Operated
Str		
	general	51G-2 Pickup

1.40.33 A51gPTOC3

Beh		
	stVal	Out of Service
		Inhibit 51G-3
		51G-3 Enabled
Health		
	stVal	Protection Healthy

Mod		
	stVal	Inhibit 51G-3
		51G-3 Enabled
Op		
	general	51G-3 Operated
Str		
	general	51G-3 Pickup

1.40.34 A51gPTOC4

Beh		
	stVal	Out of Service
		Inhibit 51G-4
		51G-4 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 51G-4
		51G-4 Enabled
Op		
	general	51G-4 Operated
Str		
	general	51G-4 Pickup

1.40.35 A51nPTOC1

Beh		
	stVal	Out of Service
		Inhibit 51N-1
		51N-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 51N-1
		51N-1 Enabled
Op		
	general	51N-1 Operated

Str		
	general	51N-1 Pickup

1.40.36 A51nPTOC2

Beh		
	stVal	Out of Service
		Inhibit 51N-2
		51N-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 51N-2
		51N-2 Enabled
Op		
	general	51N-2 Operated
Str		
	general	51N-2 Pickup

1.40.37 A51PTOC1

Beh		
	stVal	Out of Service
		Inhibit 51-1
		51-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 51-1
		51-1 Enabled
Op		
	general	51-1 Operated
Str		
	dirPhsA	Non-Directional
	dirPhsB	Non-Directional
	dirPhsC	Non-Directional
	general	51-1 PhA Pickup

		51-1 PhB Pickup
		51-1 PhC Pickup
	phsA	51-1 PhA Pickup
	phsB	51-1 PhB Pickup
	phsC	51-1 PhC Pickup

1.40.38 A51PTOC2

Beh		
	stVal	Out of Service
		Inhibit 51-2
		51-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 51-2
		51-2 Enabled
Op		
	general	51-2 Operated
Str		
	dirPhsA	Non-Directional
	dirPhsB	Non-Directional
	dirPhsC	Non-Directional
	general	51-2 PhA Pickup
		51-2 PhB Pickup
		51-2 PhC Pickup
	phsA	51-2 PhA Pickup
	phsB	51-2 PhB Pickup
	phsC	51-2 PhC Pickup

1.40.39 A59nDtPTOV1

Beh		
	stVal	Out of Service
		Inhibit 59NDT
		59NDT Enabled
Health		

	stVal	Protection Healthy
Mod		
	stVal	Inhibit 59NDT
		59NDT Enabled
Op		
	general	59NDT Operated
Str		
	dirGeneral	Non-Directional
	general	59NDT Pickup

1.40.40 A59nltPTOV1

Beh		
	stVal	Out of Service
		Inhibit 59NIT
		59NIT Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 59NIT
		59NIT Enabled
Op		
	general	59NIT Operated
Str		
	general	59NIT Pickup

1.40.41 A64hPTOC1

Beh		
	stVal	Out of Service
		Inhibit 64H-1
		64H-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 64H-1
		64H-1 Enabled

Op		
	general	64H-1 Operated
Str		
	dirGeneral	Non-Directional
	general	64H-1 Pickup

1.40.42 A64hPTOC2

Beh		
	stVal	Out of Service
		Inhibit 64H-2
		64H-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 64H-2
		64H-2 Enabled
Op		
	general	64H-2 Operated
Str		
	dirGeneral	Non-Directional
	general	64H-2 Pickup

1.40.43 A81Hb2PHAR1

Beh		
	stVal	Out of Service
		Inhibit 81HBL2
		81HBL2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81HBL2
		81HBL2 Enabled
Str		
	dirGeneral	Non-Directional
	dirPhsA	Non-Directional

	dirPhsB	Non-Directional
	dirPhsC	Non-Directional
	general	81HBL2 PhA Pickup
		81HBL2 PhB Pickup
		81HBL2 PhC Pickup
	phsA	81HBL2 PhA Pickup
	phsB	81HBL2 PhB Pickup
	phsC	81HBL2 PhC Pickup

1.40.44 A81Hb5PHAR1

Beh		
	stVal	Out of Service
		Inhibit 81HBL5
		81HBL5 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81HBL5
		81HBL5 Enabled
Str		
	dirGeneral	Non-Directional
	dirPhsA	Non-Directional
	dirPhsB	Non-Directional
	dirPhsC	Non-Directional
	general	81HBL5 PhA Pickup
		81HBL5 PhB Pickup
		81HBL5 PhC Pickup
	phsA	81HBL5 PhA Pickup
	phsB	81HBL5 PhB Pickup
	phsC	81HBL5 PhC Pickup

1.40.45 A81PTOF1

Beh		
	stVal	Out of Service
		Inhibit 81-1

		81-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81-1
		81-1 Enabled
Op		
	general	81-1 Operated
Str		
	dirGeneral	Non-Directional
	general	81-1 Pickup

1.40.46 A81PTOF2

Beh		
	stVal	Out of Service
		Inhibit 81-2
		81-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81-2
		81-2 Enabled
Op		
	general	81-2 Operated
Str		
	dirGeneral	Non-Directional
	general	81-2 Pickup

1.40.47 A81PTOF3

Beh		
	stVal	Out of Service
		Inhibit 81-3
		81-3 Enabled
Health		
	stVal	Protection Healthy

Mod		
	stVal	Inhibit 81-3
		81-3 Enabled
Op		
	general	81-3 Operated
Str		
	dirGeneral	Non-Directional
	general	81-3 Pickup

1.40.48 A81PTOF4

Beh		
	stVal	Out of Service
		Inhibit 81-4
		81-4 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81-4
		81-4 Enabled
Op		
	general	81-4 Operated
Str		
	dirGeneral	Non-Directional
	general	81-4 Pickup

1.40.49 A81PTOF5

Beh		
	stVal	Out of Service
		Inhibit 81-5
		81-5 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81-5
		81-5 Enabled

Op		
	general	81-5 Operated
Str		
	dirGeneral	Non-Directional
	general	81-5 Pickup

1.40.50 A81PTOF6

Beh		
	stVal	Out of Service
		Inhibit 81-6
		81-6 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81-6
		81-6 Enabled
Op		
	general	81-6 Operated
Str		
	dirGeneral	Non-Directional
	general	81-6 Pickup

1.40.51 A81PTUF1

Beh		
	stVal	Out of Service
		Inhibit 81-1
		81-1 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81-1
		81-1 Enabled
Op		
	general	81-1 Operated
Str		

	dirGeneral	Non-Directional
	general	81-1 Pickup

1.40.52 A81PTUF2

Beh		
	stVal	Out of Service
		Inhibit 81-2
		81-2 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81-2
		81-2 Enabled
Op		
	general	81-2 Operated
Str		
	dirGeneral	Non-Directional
	general	81-2 Pickup

1.40.53 A81PTUF3

Beh		
	stVal	Out of Service
		Inhibit 81-3
		81-3 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81-3
		81-3 Enabled
Op		
	general	81-3 Operated
Str		
	dirGeneral	Non-Directional
	general	81-3 Pickup

1.40.54 A81PTUF4

Beh		
	stVal	Out of Service
		Inhibit 81-4
		81-4 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81-4
		81-4 Enabled
Op		
	general	81-4 Operated
Str		
	dirGeneral	Non-Directional
	general	81-4 Pickup

1.40.55 A81PTUF5

Beh		
	stVal	Out of Service
		Inhibit 81-5
		81-5 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81-5
		81-5 Enabled
Op		
	general	81-5 Operated
Str		
	dirGeneral	Non-Directional
	general	81-5 Pickup

1.40.56 A81PTUF6

Beh		
	stVal	Out of Service

		Inhibit 81-6
		81-6 Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 81-6
		81-6 Enabled
Op		
	general	81-6 Operated
Str		
	dirGeneral	Non-Directional
	general	81-6 Pickup

1.40.57 A87BdPDIF1

Beh		
	stVal	Out of Service
		Inhibit 87BD
		87BD Enabled
DifAClc		
	phsA.cVal.mag.f	87BD Ia Operate
	phsA.instCVal.mag.f	87BD Ia Operate
	phsA.units.multiplier	87BD Ia Operate
	phsA.units.SIUnit	87BD Ia Operate
	phsB.cVal.mag.f	87BD Ib Operate
	phsB.instCVal.mag.f	87BD Ib Operate
	phsB.units.multiplier	87BD Ib Operate
	phsB.units.SIUnit	87BD Ib Operate
	phsC.cVal.mag.f	87BD Ic Operate
	phsC.instCVal.mag.f	87BD Ic Operate
	phsC.units.multiplier	87BD Ic Operate
	phsC.units.SIUnit	87BD Ic Operate
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 87BD
		87BD Enabled

Op		
	general	87BD PhA Operated
		87BD PhB Operated
		87BD PhC Operated
	phsA	87BD PhA Operated
	phsB	87BD PhB Operated
	phsC	87BD PhC Operated
RstA		
	phsA.cVal.mag.f	87BD Ia Restrain
	phsA.instCVal.mag.f	87BD Ia Restrain
	phsA.units.multiplier	87BD Ia Restrain
	phsA.units.SIUnit	87BD Ia Restrain
	phsB.cVal.mag.f	87BD Ib Restrain
	phsB.instCVal.mag.f	87BD Ib Restrain
	phsB.units.multiplier	87BD Ib Restrain
	phsB.units.SIUnit	87BD Ib Restrain
	phsC.cVal.mag.f	87BD Ic Restrain
	phsC.instCVal.mag.f	87BD Ic Restrain
	phsC.units.multiplier	87BD Ic Restrain
	phsC.units.SIUnit	87BD Ic Restrain

1.40.58 A87HsPDIF1

Beh		
	stVal	Out of Service
		Inhibit 87HS
		87HS Enabled
Health		
	stVal	Protection Healthy
Mod		
	stVal	Inhibit 87HS
		87HS Enabled
Op		
	general	87HS Operated
Str		
	dirGeneral	Non-Directional
	dirPhsA	Non-Directional

	dirPhsB	Non-Directional
	dirPhsC	Non-Directional
	general	87HS PhA Pickup
		87HS PhB Pickup
		87HS PhC Pickup
	phsA	87HS PhA Pickup
	phsB	87HS PhB Pickup
	phsC	87HS PhC Pickup

1.40.59 LLN0

Beh		
	stVal	Protection Active
		Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
		Out of Service
NamPlt		
	swRev	Software Revision
	vendor	Vendor Name
SGCB		
	ActSG	Active Setting Group 1
		Active Setting Group 2
		Active Setting Group 3
		Active Setting Group 4
	LActTm	Active Setting Group 1
		Active Setting Group 2
		Active Setting Group 3
		Active Setting Group 4
	NumOfSG	Number of 61850 Controllable Setting Groups

1.40.60 PTRC1

Beh		
	stVal	Protection Active

		Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
Op		
	general	General Operate
OpCntRs		
	Oper.ctlVal	Set CB1 Trip Count
	stVal	CB1 Trip Count
Str		
	dirGeneral	Non-Directional
	general	General Pickup
Tr		
	general	CB1 Trip

1.40.61 PTRC2

Beh		
	stVal	Protection Active
		Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
Op		
	general	General Operate
OpCntRs		
	Oper.ctlVal	Set CB2 Trip Count
	stVal	CB2 Trip Count
Str		
	dirGeneral	Non-Directional
	general	General Pickup
Tr		
	general	CB2 Trip

1.41 MEAS

1.41.1 Har2MMXU1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W1 2 nd Harmonic PhA Magnitude
	phsA.cVal.mag.f	W1 2 nd Harmonic PhA Magnitude
	phsA.units.SIUnit	W1 2 nd Harmonic PhA Units
	phsA.units.multiplier	W1 2 nd Harmonic PhA Multiplier
	phsB.instCVal.mag.f	W1 2 nd Harmonic PhB Magnitude
	phsB.cVal.mag.f	W1 2 nd Harmonic PhB Magnitude
	phsB.units.SIUnit	W1 2 nd Harmonic PhB Units
	phsB.units.multiplier	W1 2 nd Harmonic PhB Multiplier
	phsC.instCVal.mag.f	W1 2 nd Harmonic PhC Magnitude
	phsC.cVal.mag.f	W1 2 nd Harmonic PhC Magnitude
	phsC.units.SIUnit	W1 2 nd Harmonic PhC Units
	phsC.units.multiplier	W1 2 nd Harmonic PhC Multiplier

1.41.2 Har2MMXU2

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W2 2 nd Harmonic PhA Magnitude
	phsA.cVal.mag.f	W2 2 nd Harmonic PhA Magnitude
	phsA.units.SIUnit	W2 2 nd Harmonic PhA Units
	phsA.units.multiplier	W2 2 nd Harmonic PhA Multiplier
	phsB.instCVal.mag.f	W2 2 nd Harmonic PhB Magnitude
	phsB.cVal.mag.f	W2 2 nd Harmonic PhB Magnitude

	phsB.units.SIUnit	W2 2 nd Harmonic PhB Units
	phsB.units.multiplier	W2 2 nd Harmonic PhB Multiplier
	phsC.instCVal.mag.f	W2 2 nd Harmonic PhC Magnitude
	phsC.cVal.mag.f	W2 2 nd Harmonic PhC Magnitude
	phsC.units.SIUnit	W2 2 nd Harmonic PhC Units
	phsC.units.multiplier	W2 2 nd Harmonic PhC Multiplier

1.41.3 Har5MMXU1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W1 5 th Harmonic PhA Magnitude
	phsA.cVal.mag.f	W1 5 th Harmonic PhA Magnitude
	phsA.units.SIUnit	W1 5 th Harmonic PhA Units
	phsA.units.multiplier	W1 5 th Harmonic PhA Multiplier
	phsB.instCVal.mag.f	W1 5 th Harmonic PhB Magnitude
	phsB.cVal.mag.f	W1 5 th Harmonic PhB Magnitude
	phsB.units.SIUnit	W1 5 th Harmonic PhB Units
	phsB.units.multiplier	W1 5 th Harmonic PhB Multiplier
	phsC.instCVal.mag.f	W1 5 th Harmonic PhC Magnitude
	phsC.cVal.mag.f	W1 5 th Harmonic PhC Magnitude
	phsC.units.SIUnit	W1 5 th Harmonic PhC Units
	phsC.units.multiplier	W1 5 th Harmonic PhC Multiplier

1.41.4 Har5MMXU2

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W2 5 th Harmonic PhA Magnitude

	phsA.cVal.mag.f	W2 5 th Harmonic PhA Magnitude
	phsA.units.SIUnit	W2 5 th Harmonic PhA Units
	phsA.units.multiplier	W2 5 th Harmonic PhA Multiplier
	phsB.instCVal.mag.f	W2 5 th Harmonic PhB Magnitude
	phsB.cVal.mag.f	W2 5 th Harmonic PhB Magnitude
	phsB.units.SIUnit	W2 5 th Harmonic PhB Units
	phsB.units.multiplier	W2 5 th Harmonic PhB Multiplier
	phsC.instCVal.mag.f	W2 5 th Harmonic PhC Magnitude
	phsC.cVal.mag.f	W2 5 th Harmonic PhC Magnitude
	phsC.units.SIUnit	W2 5 th Harmonic PhC Units
	phsC.units.multiplier	W2 5 th Harmonic PhC Multiplier

1.41.5 I_MaxMMXU1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W1 Max Demand PhA Magnitude
	phsA.cVal.mag.f	W1 Max Demand PhA Magnitude
	phsA.units.SIUnit	W1 Max Demand PhA Units
	phsA.units.multiplier	W1 Max Demand PhA Multiplier
	phsB.instCVal.mag.f	W1 Max Demand PhB Magnitude
	phsB.cVal.mag.f	W1 Max Demand PhB Magnitude
	phsB.units.SIUnit	W1 Max Demand PhB Units
	phsB.units.multiplier	W1 Max Demand PhB Multiplier
	phsC.instCVal.mag.f	W1 Max Demand PhC Magnitude
	phsC.cVal.mag.f	W1 Max Demand PhC Magnitude
	phsC.units.SIUnit	W1 Max Demand PhC Units
	phsC.units.multiplier	W1 Max Demand PhC Multiplier

1.41.6 I_MaxMMXU2

Beh		
	stVal	Out of Service
Health		

	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W2 Max Demand PhA Magnitude
	phsA.cVal.mag.f	W2 Max Demand PhA Magnitude
	phsA.units.SIUnit	W2 Max Demand PhA Units
	phsA.units.multiplier	W2 Max Demand PhA Multiplier
	phsB.instCVal.mag.f	W2 Max Demand PhB Magnitude
	phsB.cVal.mag.f	W2 Max Demand PhB Magnitude
	phsB.units.SIUnit	W2 Max Demand PhB Units
	phsB.units.multiplier	W2 Max Demand PhB Multiplier
	phsC.instCVal.mag.f	W2 Max Demand PhC Magnitude
	phsC.cVal.mag.f	W2 Max Demand PhC Magnitude
	phsC.units.SIUnit	W2 Max Demand PhC Units
	phsC.units.multiplier	W2 Max Demand PhC Multiplier

1.41.7 I_MeanMMXU1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W1 Mean Demand PhA Magnitude
	phsA.cVal.mag.f	W1 Mean Demand PhA Magnitude
	phsA.units.SIUnit	W1 Mean Demand PhA Units
	phsA.units.multiplier	W1 Mean Demand PhA Multiplier
	phsB.instCVal.mag.f	W1 Mean Demand PhB Magnitude
	phsB.cVal.mag.f	W1 Mean Demand PhB Magnitude
	phsB.units.SIUnit	W1 Mean Demand PhB Units
	phsB.units.multiplier	W1 Mean Demand PhB Multiplier
	phsC.instCVal.mag.f	W1 Mean Demand PhC Magnitude

		tude
	phsC.cVal.mag.f	W1 Mean Demand PhC Magnitude
	phsC.units.SIUnit	W1 Mean Demand PhC Units
	phsC.units.multiplier	W1 Mean Demand PhC Multiplier

1.41.8 I_MeanMMXU2

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W2 Mean Demand PhA Magnitude
	phsA.cVal.mag.f	W2 Mean Demand PhA Magnitude
	phsA.units.SIUnit	W2 Mean Demand PhA Units
	phsA.units.multiplier	W2 Mean Demand PhA Multiplier
	phsB.instCVal.mag.f	W2 Mean Demand PhB Magnitude
	phsB.cVal.mag.f	W2 Mean Demand PhB Magnitude
	phsB.units.SIUnit	W2 Mean Demand PhB Units
	phsB.units.multiplier	W2 Mean Demand PhB Multiplier
	phsC.instCVal.mag.f	W2 Mean Demand PhC Magnitude
	phsC.cVal.mag.f	W2 Mean Demand PhC Magnitude
	phsC.units.SIUnit	W2 Mean Demand PhC Units
	phsC.units.multiplier	W2 Mean Demand PhC Multiplier

1.41.9 I_MinMMXU1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active

A		
	phsA.instCVal.mag.f	W1 Min Demand PhA Magnitude
	phsA.cVal.mag.f	W1 Min Demand PhA Magnitude
	phsA.units.SIUnit	W1 Min Demand PhA Units
	phsA.units.multiplier	W1 Min Demand PhA Multiplier
	phsB.instCVal.mag.f	W1 Min Demand PhB Magnitude
	phsB.cVal.mag.f	W1 Min Demand PhB Magnitude
	phsB.units.SIUnit	W1 Min Demand PhB Units
	phsB.units.multiplier	W1 Min Demand PhB Multiplier
	phsC.instCVal.mag.f	W1 Min Demand PhC Magnitude
	phsC.cVal.mag.f	W1 Min Demand PhC Magnitude
	phsC.units.SIUnit	W1 Min Demand PhC Units
	phsC.units.multiplier	W1 Min Demand PhC Multiplier

1.41.10 I_MinMMXU2

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W2 Min Demand PhA Magnitude
	phsA.cVal.mag.f	W2 Min Demand PhA Magnitude
	phsA.units.SIUnit	W2 Min Demand PhA Units
	phsA.units.multiplier	W2 Min Demand PhA Multiplier
	phsB.instCVal.mag.f	W2 Min Demand PhB Magnitude
	phsB.cVal.mag.f	W2 Min Demand PhB Magnitude
	phsB.units.SIUnit	W2 Min Demand PhB Units
	phsB.units.multiplier	W2 Min Demand PhB Multiplier
	phsC.instCVal.mag.f	W2 Min Demand PhC Magnitude
	phsC.cVal.mag.f	W2 Min Demand PhC Magnitude
	phsC.units.SIUnit	W2 Min Demand PhC Units
	phsC.units.multiplier	W2 Min Demand PhC Multiplier

1.41.11 I_MMxu1

Beh		
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	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W1 Current PhA Magnitude
	phsA.instCVal.ang.f	W1 Current PhA Angle
	phsA.cVal.mag.f	W1 Current PhA Magnitude
	phsA.cVal.ang.f	W1 Current PhA Angle
	phsA.units.SIUnit	W1 Current PhA Units
	phsA.units.multiplier	W1 Current PhA Multiplier
	phsB.instCVal.mag.f	W1 Current PhB Magnitude
	phsB.instCVal.ang.f	W1 Current PhB Angle
	phsB.cVal.mag.f	W1 Current PhB Magnitude
	phsB.cVal.ang.f	W1 Current PhB Angle
	phsB.units.SIUnit	W1 Current PhB Units
	phsB.units.multiplier	W1 Current PhB Multiplier
	phsC.instCVal.mag.f	W1 Current PhC Magnitude
	phsC.instCVal.ang.f	W1 Current PhC Angle
	phsC.cVal.mag.f	W1 Current PhC Magnitude
	phsC.cVal.ang.f	W1 Current PhC Angle
	phsC.units.SIUnit	W1 Current PhC Units
	phsC.units.multiplier	W1 Current PhC Multiplier
	angRef	W1 Angle Reference

1.41.12 I_MMXU2

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W2 Current PhA Magnitude
	phsA.instCVal.ang.f	W2 Current PhA Angle
	phsA.cVal.mag.f	W2 Current PhA Magnitude

	phsA.cVal.ang.f	W2 Current PhA Angle
	phsA.units.SIUnit	W2 Current PhA Units
	phsA.units.multiplier	W2 Current PhA Multiplier
	phsB.instCVal.mag.f	W2 Current PhB Magnitude
	phsB.instCVal.ang.f	W2 Current PhB Angle
	phsB.cVal.mag.f	W2 Current PhB Magnitude
	phsB.cVal.ang.f	W2 Current PhB Angle
	phsB.units.SIUnit	W2 Current PhB Units
	phsB.units.multiplier	W2 Current PhB Multiplier
	phsC.instCVal.mag.f	W2 Current PhC Magnitude
	phsC.instCVal.ang.f	W2 Current PhC Angle
	phsC.cVal.mag.f	W2 Current PhC Magnitude
	phsC.cVal.ang.f	W2 Current PhC Angle
	phsC.units.SIUnit	W2 Current PhC Units
	phsC.units.multiplier	W2 Current PhC Multiplier
	angRef	W2 Angle Reference

1.41.13 I_MSQI1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
SeqA		
	c1.cVal.ang.f	W1 I Seq PhA
	c1.cVal.mag.f	W1 I Seq PhA
	c1.instCVal.ang.f	W1 I Seq PhA
	c1.instCVal.mag.f	W1 I Seq PhA
	c1.units.multiplier	W1 I Seq PhA
	c1.units.SIUnit	W1 I Seq PhA
	c1.angRef	W1 Angle Reference PhA
	c2.cVal.ang.f	W1 I Seq PhB
	c2.cVal.mag.f	W1 I Seq PhB
	c2.instCVal.ang.f	W1 I Seq PhB
	c2.instCVal.mag.f	W1 I Seq PhB
	c2.units.multiplier	W1 I Seq PhB

	c2.units.SIUnit	W1 Seq PhB
	c2.angRef	W1 Angle Reference PhB
	c3.cVal.ang.f	W1 Seq PhC
	c3.cVal.mag.f	W1 Seq PhC
	c3.instCVal.ang.f	W1 Seq PhC
	c3.instCVal.mag.f	W1 Seq PhC
	c3.units.multiplier	W1 Seq PhC
	c3.units.SIUnit	W1 Seq PhC
	c3.angRef	W1 Angle Reference PhC

1.41.14 I_MSQI2

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
SeqA		
	c1.cVal.ang.f	W2 Seq PhA
	c1.cVal.mag.f	W2 Seq PhA
	c1.instCVal.ang.f	W2 Seq PhA
	c1.instCVal.mag.f	W2 Seq PhA
	c1.units.multiplier	W2 Seq PhA
	c1.units.SIUnit	W2 Seq PhA
	c1.angRef	W2 Angle Reference PhA
	c2.cVal.ang.f	W2 Seq PhB
	c2.cVal.mag.f	W2 Seq PhB
	c2.instCVal.ang.f	W2 Seq PhB
	c2.instCVal.mag.f	W2 Seq PhB
	c2.units.multiplier	W2 Seq PhB
	c2.units.SIUnit	W2 Seq PhB
	c2.angRef	W2 Angle Reference PhB
	c3.cVal.ang.f	W2 Seq PhC
	c3.cVal.mag.f	W2 Seq PhC
	c3.instCVal.ang.f	W2 Seq PhC
	c3.instCVal.mag.f	W2 Seq PhC
	c3.units.multiplier	W2 Seq PhC

	c3.units.SIUnit	W2 I Seq PhC
	c3.angRef	W2 Angle Reference PhC

1.41.15 Ig1MMXN1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
Amp		
	instMag.f	Measured Earth-1
	Mag.f	Measured Earth-1
	units.SIUnit	Measured Earth-1 Units
	units.multiplier	Measured Earth-1 Multiplier

1.41.16 Ig2MMXN1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
Amp		
	instMag.f	Measured Earth-2
	Mag.f	Measured Earth-2
	units.SIUnit	Measured Earth-2 Units
	units.multiplier	Measured Earth-2 Multiplier

1.41.17 RelayMMXU1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W1 Relay PhA Magnitude

	phsA.instCVal.ang.f	W1 Relay PhA Angle
	phsA.cVal.mag.f	W1 Relay PhA Magnitude
	phsA.cVal.ang.f	W1 Relay PhA Angle
	phsA.units.SIUnit	W1 Relay PhA Units
	phsA.units.multiplier	W1 Relay PhA Multiplier
	phsB.instCVal.mag.f	W1 Relay PhB Magnitude
	phsB.instCVal.ang.f	W1 Relay PhB Angle
	phsB.cVal.mag.f	W1 Relay PhB Magnitude
	phsB.cVal.ang.f	W1 Relay PhB Angle
	phsB.units.SIUnit	W1 Relay PhB Units
	phsB.units.multiplier	W1 Relay PhB Multiplier
	phsC.instCVal.mag.f	W1 Relay PhC Magnitude
	phsC.instCVal.ang.f	W1 Relay PhC Angle
	phsC.cVal.mag.f	W1 Relay PhC Magnitude
	phsC.cVal.ang.f	W1 Relay PhC Angle
	phsC.units.SIUnit	W1 Relay PhC Units
	phsC.units.multiplier	W1 Relay PhC Multiplier
	angRef	W1 Relay Angle Reference

1.41.18 RelayMMXU2

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
A		
	phsA.instCVal.mag.f	W2 Relay PhA Magnitude
	phsA.instCVal.ang.f	W2 Relay PhA Angle
	phsA.cVal.mag.f	W2 Relay PhA Magnitude
	phsA.cVal.ang.f	W2 Relay PhA Angle
	phsA.units.SIUnit	W2 Relay PhA Units
	phsA.units.multiplier	W2 Relay PhA Multiplier
	phsB.instCVal.mag.f	W2 Relay PhB Magnitude
	phsB.instCVal.ang.f	W2 Relay PhB Angle
	phsB.cVal.mag.f	W2 Relay PhB Magnitude
	phsB.cVal.ang.f	W2 Relay PhB Angle

	phsB.units.SIUnit	W2 Relay PhB Units
	phsB.units.multiplier	W2 Relay PhB Multiplier
	phsC.instCVal.mag.f	W2 Relay PhC Magnitude
	phsC.instCVal.ang.f	W2 Relay PhC Angle
	phsC.cVal.mag.f	W2 Relay PhC Magnitude
	phsC.cVal.ang.f	W2 Relay PhC Angle
	phsC.units.SIUnit	W2 Relay PhC Units
	phsC.units.multiplier	W2 Relay PhC Multiplier
	angRef	W2 Relay Angle Reference

1.41.19 V_MaxMMXN1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
Hz		
	instMag.f	Frequency Demand Max
	mag.f	Frequency Demand Max
	units.SIUnits	Frequency Demand Max Units
	units.multiplier	Frequency Demand Max Multiplier
Vol		
	instMag.f	Voltage Demand Max
	mag.f	Voltage Demand Max
	units.SIUnits	Voltage Demand Max Units
	units.multiplier	Voltage Demand Max Multiplier

1.41.20 V_MeanMMXN1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
Hz		
	instMag.f	Frequency Demand Mean

	mag.f	Frequency Demand Mean
	units.SIUnits	Frequency Demand Mean Units
	units.multiplier	Frequency Demand Mean Multiplier
Vol		
	instMag.f	Voltage Demand Mean
	mag.f	Voltage Demand Mean
	units.SIUnits	Voltage Demand Mean Units
	units.multiplier	Voltage Demand Mean Multiplier

1.41.21 V_MinMMXN1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
Hz		
	instMag.f	Frequency Demand Min
	mag.f	Frequency Demand Min
	units.SIUnits	Frequency Demand Min Units
	units.multiplier	Frequency Demand Min Multiplier
Vol		
	instMag.f	Voltage Demand Min
	mag.f	Voltage Demand Min
	units.SIUnits	Voltage Demand Min Units
	units.multiplier	Voltage Demand Min Multiplier

1.41.22 V_MMXN1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Active
Hz		
	instMag.f	Frequency
	mag.f	Frequency

	units.SIUnit	Frequency Units
	units.multiplier	Frequency Multiplier
Vol		
	instMag.f	Voltage
	mag.f	Voltage
	units.SIUnits	Voltage Units
	units.multiplier	Voltage Multiplier

1.41.23 LLN0

Beh		
	stVal	Protection Healthy
		Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Healthy
		Out of Service
NamPlt		
	swRev	Software Revision
	vendor	Vendor Name

1.42 DR**1.42.1 LLN0**

Beh		
	stVal	Protection Healthy
		Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Healthy
		Out of Service
NamPlt		
	swRev	Software Revision
	vendor	Vendor Name

1.42.2 RDRE1

Beh		
	stVal	Protection Healthy
		Out of Service
FltNum		
	stVal	Fault Number
GriFltNum		
	stVal	Grid Fault Number
Health		
	stVal	Protection Healthy
Mod		
	stVal	Protection Healthy
RcdMade		
	stVal	Recording Made

1.43 CTRL**1.43.1 BI19GGIO1**

Beh		
	stVal	Out of Service
Health		
	stVal	Out of Service
Mod		
	stVal	Device Reset
Ind1		
	stVal	Binary Input 1
Ind10		
	stVal	Binary Input 10
Ind11		
	stVal	Binary Input 11
Ind12		
	stVal	Binary Input 12
Ind13		
	stVal	Binary Input 13
Ind14		

	stVal	Binary Input 14
Ind15		
	stVal	Binary Input 15
Ind16		
	stVal	Binary Input 16
Ind17		
	stVal	Binary Input 17
Ind18		
	stVal	Binary Input 18
Ind19		
	stVal	Binary Input 19
Ind2		
	stVal	Binary Input 2
Ind3		
	stVal	Binary Input 3
Ind4		
	stVal	Binary Input 4
Ind5		
	stVal	Binary Input 5
Ind6		
	stVal	Binary Input 6
Ind7		
	stVal	Binary Input 7
Ind8		
	stVal	Binary Input 8
Ind9		
	stVal	Binary Input 9

1.43.2 BO14GGIO1

Beh		
	stVal	Out of Service
Health		
	stVal	Out of Service
Mod		
	stVal	Device Reset
Ind1		

	stVal	Binary Output 1
Ind10		
	stVal	Binary Output 10
Ind11		
	stVal	Binary Output 11
Ind12		
	stVal	Binary Output 12
Ind13		
	stVal	Binary Output 13
Ind14		
	stVal	Binary Output 14
Ind2		
	stVal	Binary Output 2
Ind3		
	stVal	Binary Output 3
Ind4		
	stVal	Binary Output 4
Ind5		
	stVal	Binary Output 5
Ind6		
	stVal	Binary Output 6
Ind7		
	stVal	Binary Output 7
Ind8		
	stVal	Binary Output 8
Ind9		
	stVal	Binary Output 9

1.43.3 CntDelGGIO1

Beh		
	stVal	CB1 Delta Trip Count Enabled
		Out of Service
Health		
	stVal	Protection Healthy
ISCSO1		
	stVal	CB1 Delta Trip Count

ISCSO2		
	stVal	CB1 Delta Trip Count Target
Loc		
	stVal	Local Mode
Mod		
	stVal	CB1 Delta Trip Count Enabled
SPCSO		
	stVal	CB1 Delta Trip Count Operated

1.43.4 CntDelGGIO2

Beh		
	stVal	CB2 Delta Trip Count Enabled
		Out of Service
Health		
	stVal	Protection Healthy
ISCSO1		
	stVal	CB2 Delta Trip Count
ISCSO2		
	stVal	CB2 Delta Trip Count Target
Loc		
	stVal	Local Mode
Mod		
	stVal	CB2 Delta Trip Count Enabled
SPCSO		
	stVal	CB2 Delta Trip Count Operated

1.43.5 DPDOesGGIO1

Beh		
	stVal	Out of Service
DPCSO		
	Oper.ctlVal	DPDOes 1 Control
	stVal	DPDOes 1 Status
Health		
	stVal	Protection Healthy
Loc		

	stVal	Local Mode
Mod		
	stVal	Device Reset

1.43.6 DPDOesGGIO2

Beh		
	stVal	Out of Service
DPCSO		
	Oper.ctlVal	DPDOes 2 Control
	stVal	DPDOes 2 Status
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset

1.43.7 DPDOesGGIO3

Beh		
	stVal	Out of Service
DPCSO		
	Oper.ctlVal	DPDOes 3 Control
	stVal	DPDOes 3 Status
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset

1.43.8 DPDOesGGIO4

Beh		
	stVal	Out of Service
DPCSO		
	Oper.ctlVal	DPDOes 4 Control

	stVal	DPDOes 4 Status
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset

1.43.9 DPDOsGGIO1

Beh		
	stVal	Out of Service
DPCSO		
	Oper.ctlVal	DPDOs 1 Control
	stVal	DPDOs 1 Status
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset

1.43.10 DPDOsGGIO2

Beh		
	stVal	Out of Service
DPCSO		
	Oper.ctlVal	DPDOs 2 Control
	stVal	DPDOs 2 Status
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset

1.43.11 DPDOnsGGIO3

Beh		
	stVal	Out of Service
DPCSO		
	Oper.ctlVal	DPDOns 3 Control
	stVal	DPDOns 3 Status
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset

1.43.12 DPDOnsGGIO4

Beh		
	stVal	Out of Service
DPCSO		
	Oper.ctlVal	DPDOns 4 Control
	stVal	DPDOns 4 Status
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset

1.43.13 DPi8GGIO1

Beh		
	stVal	Out of Service
DPCSO1		
	ctlVal	DPi8GGIO1 DPCSO 1
DPCSO2		
	ctlVal	DPi8GGIO1 DPCSO 2
DPCSO3		
	ctlVal	DPi8GGIO1 DPCSO 3

DPCSO4		
	ctlVal	DPi8GGIO1 DPCSO 4
DPCSO5		
	ctlVal	DPi8GGIO1 DPCSO 5
DPCSO6		
	ctlVal	DPi8GGIO1 DPCSO 6
DPCSO7		
	ctlVal	DPi8GGIO1 DPCSO 7
DPCSO8		
	ctlVal	DPi8GGIO1 DPCSO 8
Health		
	stVal	Protection Healthy
Mod		
	stVal	Device Reset

1.43.14 DPi8GGIO2

Beh		
	stVal	Out of Service
DPCSO1		
	ctlVal	DPi8GGIO2 DPCSO 1
DPCSO2		
	ctlVal	DPi8GGIO2 DPCSO 2
DPCSO3		
	ctlVal	DPi8GGIO2 DPCSO 3
DPCSO4		
	ctlVal	DPi8GGIO2 DPCSO 4
DPCSO5		
	ctlVal	DPi8GGIO2 DPCSO 5
DPCSO6		
	ctlVal	DPi8GGIO2 DPCSO 6
DPCSO7		
	ctlVal	DPi8GGIO2 DPCSO 7
DPCSO8		
	ctlVal	DPi8GGIO2 DPCSO 8
Health		
	stVal	Protection Healthy

Mod		
	stVal	Device Reset

1.43.15 DPo8GGIO1

Beh		
	stVal	Out of Service
DPCSO1		
	stVal	DPo8GGIO1 Ind 1
DPCSO2		
	stVal	DPo8GGIO1 Ind 2
DPCSO3		
	stVal	DPo8GGIO1 Ind 3
DPCSO4		
	stVal	DPo8GGIO1 Ind 4
DPCSO5		
	stVal	DPo8GGIO1 Ind 5
DPCSO6		
	stVal	DPo8GGIO1 Ind 6
DPCSO7		
	stVal	DPo8GGIO1 Ind 7
DPCSO8		
	stVal	DPo8GGIO1 Ind 8
Health		
	stVal	Protection Healthy
Mod		
	stVal	Device Reset

1.43.16 DPo8GGIO2

Beh		
	stVal	Out of Service
DPCSO1		
	stVal	DPo8GGIO2 Ind 1
DPCSO2		
	stVal	DPo8GGIO2 Ind 2
DPCSO3		

	stVal	DPo8GGIO2 Ind 3
DPCSO4		
	stVal	DPo8GGIO2 Ind 4
DPCSO5		
	stVal	DPo8GGIO2 Ind 5
DPCSO6		
	stVal	DPo8GGIO2 Ind 6
DPCSO7		
	stVal	DPo8GGIO2 Ind 7
DPCSO8		
	stVal	DPo8GGIO2 Ind 8
Health		
	stVal	Protection Healthy
Mod		
	stVal	Device Reset

1.43.17 E16GGIO1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Ind1		
	stVal	Quick Logic Equation 1
Ind10		
	stVal	Quick Logic Equation 10
Ind11		
	stVal	Quick Logic Equation 11
Ind12		
	stVal	Quick Logic Equation 12
Ind13		
	stVal	Quick Logic Equation 13
Ind14		
	stVal	Quick Logic Equation 14
Ind15		
	stVal	Quick Logic Equation 15
Ind16		

	stVal	Quick Logic Equation 16
Ind2		
	stVal	Quick Logic Equation 2
Ind3		
	stVal	Quick Logic Equation 3
Ind4		
	stVal	Quick Logic Equation 4
Ind5		
	stVal	Quick Logic Equation 5
Ind6		
	stVal	Quick Logic Equation 6
Ind7		
	stVal	Quick Logic Equation 7
Ind8		
	stVal	Quick Logic Equation 8
Ind9		
	stVal	Quick Logic Equation 9
Mod		
	stVal	Device Reset

1.43.18 L24GGIO1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Ind1		
	stVal	LED 1
Ind10		
	stVal	LED 10
Ind11		
	stVal	LED 11
Ind12		
	stVal	LED 12
Ind13		
	stVal	LED 13
Ind14		

	stVal	LED 14
Ind15		
	stVal	LED 15
Ind16		
	stVal	LED 16
Ind17		
	stVal	LED 17
Ind18		
	stVal	LED 18
Ind19		
	stVal	LED 19
Ind2		
	stVal	LED 2
Ind20		
	stVal	LED 20
Ind21		
	stVal	LED 21
Ind22		
	stVal	LED 22
Ind23		
	stVal	LED 23
Ind24		
	stVal	LED 24
Ind3		
	stVal	LED 3
Ind4		
	stVal	LED 4
Ind5		
	stVal	LED 5
Ind6		
	stVal	LED 6
Ind7		
	stVal	LED 7
Ind8		
	stVal	LED 8
Ind9		

	stVal	LED 9
Mod		
	stVal	Device Reset

1.43.19 LLN0

Beh		
	stVal	Out of Service
		Protection Healthy
Health		
	stVal	Protection Healthy
LEDs		
	stVal	LED Reset
Loc		
	stVal	Local Mode
Mod		
	stVal	Out of Service
		Protection Healthy
NamPlt		
	swRev	Software Revision
	vendor	Vendor Name

1.43.20 Q0CILO1

Beh		
	stVal	Out of Service
EnaCls		
	stVal	Not CB1 Control Close Block
EnaOpn		
	stVal	Not CB1 Control Open Block
Health		
	stVal	Protection Healthy
Mod		
	stVal	Device Reset

1.43.21 Q0CILO2

Beh		
-----	--	--

	stVal	Out of Service
EnaCls		
	stVal	Not CB2 Control Close Block
EnaOpn		
	stVal	Not CB2 Control Open Block
Health		
	stVal	Protection Healthy
Mod		
	stVal	Device Reset

1.43.22 Q0CSWI1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset
Pos		
	Oper.ctlVal	CB1 Control
	stVal	CB1 Status

1.43.23 Q0CSWI2

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset
Pos		
	Oper.ctlVal	CB2 Control
	stVal	CB2 Status

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1.43.24 Q0XCBR1

Beh		
	stVal	Out of Service
BlkCls		
	stVal	CB1 Control Close Block
BlkOpn		
	stVal	CB1 Control Open Block
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset
OpCnt		
	stVal	CB1 Operations Counter
Pos		
	stVal	CB1 Status
SumSwARs1		
	actVal	CB1 Wear PhA
SumSwARs2		
	actVal	CB1 Wear PhB
SumSwARs3		
	actVal	CB1 Wear PhC

1.43.25 Q0XCBR2

Beh		
	stVal	Out of Service
BlkCls		
	stVal	CB2 Control Close Block
BlkOpn		
	stVal	CB2 Control Open Block
Health		
	stVal	Protection Healthy
Loc		

	stVal	Local Mode
Mod		
	stVal	Device Reset
OpCnt		
	stVal	CB2 Operations Counter
Pos		
	stVal	CB2 Status
SumSwARs1		
	actVal	CB2 Wear PhA
SumSwARs2		
	actVal	CB2 Wear PhB
SumSwARs3		
	actVal	CB2 Wear PhC

1.43.26 SPDOesGGIO1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset
SPCSO		
	Oper.ctlVal	SPDOes 1 Control
	stVal	SPDOes 1 Status

1.43.27 SPDOesGGIO2

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		

	stVal	Device Reset
SPCSO		
	Oper.ctlVal	SPDOes 2 Control
	stVal	SPDOes 2 Status

1.43.28 SPDOesGGIO3

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset
SPCSO		
	Oper.ctlVal	SPDOes 3 Control
	stVal	SPDOes 3 Status

1.43.29 SPDOesGGIO4

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset
SPCSO		
	Oper.ctlVal	SPDOes 4 Control
	stVal	SPDOes 4 Status

1.43.30 SPDOnsGGIO1

Beh		
	stVal	Out of Service
Health		

	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset
SPCSO		
	Oper.ctlVal	SPDOs 1 Control
	stVal	SPDOs 1 Status

1.43.31 SPDOsGGIO2

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset
SPCSO		
	Oper.ctlVal	SPDOs 2 Control
	stVal	SPDOs 2 Status

1.43.32 SPDOsGGIO3

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset
SPCSO		
	Oper.ctlVal	SPDOs 3 Control
	stVal	SPDOs 3 Status

1.43.33 SPDOnsGGIO4

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Loc		
	stVal	Local Mode
Mod		
	stVal	Device Reset
SPCSO		
	Oper.ctlVal	SPDOns 4 Control
	stVal	SPDOns 4 Status

1.43.34 SPi64GGIO1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Mod		
	stVal	Device Reset
SPCSO1		
	ctlVal	SPi64GGIO1 SPCSO 1
SPCSO10		
	ctlVal	SPi64GGIO1 SPCSO 10
SPCSO11		
	ctlVal	SPi64GGIO1 SPCSO 11
SPCSO12		
	ctlVal	SPi64GGIO1 SPCSO 12
SPCSO13		
	ctlVal	SPi64GGIO1 SPCSO 13
SPCSO14		
	ctlVal	SPi64GGIO1 SPCSO 14
SPCSO15		
	ctlVal	SPi64GGIO1 SPCSO 15
SPCSO16		
	ctlVal	SPi64GGIO1 SPCSO 16

SPCSO17		
	ctlVal	SPi64GGIO1 SPCSO 17
SPCSO18		
	ctlVal	SPi64GGIO1 SPCSO 18
SPCSO19		
	ctlVal	SPi64GGIO1 SPCSO 19
SPCSO2		
	ctlVal	SPi64GGIO1 SPCSO 2
SPCSO20		
	ctlVal	SPi64GGIO1 SPCSO 20
SPCSO21		
	ctlVal	SPi64GGIO1 SPCSO 21
SPCSO22		
	ctlVal	SPi64GGIO1 SPCSO 22
SPCSO23		
	ctlVal	SPi64GGIO1 SPCSO 23
SPCSO24		
	ctlVal	SPi64GGIO1 SPCSO 24
SPCSO25		
	ctlVal	SPi64GGIO1 SPCSO 25
SPCSO26		
	ctlVal	SPi64GGIO1 SPCSO 26
SPCSO27		
	ctlVal	SPi64GGIO1 SPCSO 27
SPCSO28		
	ctlVal	SPi64GGIO1 SPCSO 28
SPCSO29		
	ctlVal	SPi64GGIO1 SPCSO 29
SPCSO3		
	ctlVal	SPi64GGIO1 SPCSO 3
SPCSO30		
	ctlVal	SPi64GGIO1 SPCSO 30
SPCSO31		
	ctlVal	SPi64GGIO1 SPCSO 31
SPCSO32		
	ctlVal	SPi64GGIO1 SPCSO 32

SPCSO33		
	ctlVal	SPi64GGIO1 SPCSO 33
SPCSO34		
	ctlVal	SPi64GGIO1 SPCSO 34
SPCSO35		
	ctlVal	SPi64GGIO1 SPCSO 35
SPCSO36		
	ctlVal	SPi64GGIO1 SPCSO 36
SPCSO37		
	ctlVal	SPi64GGIO1 SPCSO 37
SPCSO38		
	ctlVal	SPi64GGIO1 SPCSO 38
SPCSO39		
	ctlVal	SPi64GGIO1 SPCSO 39
SPCSO4		
	ctlVal	SPi64GGIO1 SPCSO 4
SPCSO40		
	ctlVal	SPi64GGIO1 SPCSO 40
SPCSO41		
	ctlVal	SPi64GGIO1 SPCSO 41
SPCSO42		
	ctlVal	SPi64GGIO1 SPCSO 42
SPCSO43		
	ctlVal	SPi64GGIO1 SPCSO 43
SPCSO44		
	ctlVal	SPi64GGIO1 SPCSO 44
SPCSO45		
	ctlVal	SPi64GGIO1 SPCSO 45
SPCSO46		
	ctlVal	SPi64GGIO1 SPCSO 46
SPCSO47		
	ctlVal	SPi64GGIO1 SPCSO 47
SPCSO48		
	ctlVal	SPi64GGIO1 SPCSO 48
SPCSO49		
	ctlVal	SPi64GGIO1 SPCSO 49

SPCSO5		
	ctlVal	SPi64GGIO1 SPCSO 5
SPCSO50		
	ctlVal	SPi64GGIO1 SPCSO 50
SPCSO51		
	ctlVal	SPi64GGIO1 SPCSO 51
SPCSO52		
	ctlVal	SPi64GGIO1 SPCSO 52
SPCSO53		
	ctlVal	SPi64GGIO1 SPCSO 53
SPCSO54		
	ctlVal	SPi64GGIO1 SPCSO 54
SPCSO55		
	ctlVal	SPi64GGIO1 SPCSO 55
SPCSO56		
	ctlVal	SPi64GGIO1 SPCSO 56
SPCSO57		
	ctlVal	SPi64GGIO1 SPCSO 57
SPCSO58		
	ctlVal	SPi64GGIO1 SPCSO 58
SPCSO59		
	ctlVal	SPi64GGIO1 SPCSO 59
SPCSO6		
	ctlVal	SPi64GGIO1 SPCSO 6
SPCSO60		
	ctlVal	SPi64GGIO1 SPCSO 60
SPCSO61		
	ctlVal	SPi64GGIO1 SPCSO 61
SPCSO62		
	ctlVal	SPi64GGIO1 SPCSO 62
SPCSO63		
	ctlVal	SPi64GGIO1 SPCSO 63
SPCSO64		
	ctlVal	SPi64GGIO1 SPCSO 64
SPCSO7		
	ctlVal	SPi64GGIO1 SPCSO 7

SPCSO8		
	ctlVal	SPi64GGIO1 SPCSO 8
SPCSO9		
	ctlVal	SPi64GGIO1 SPCSO 9

1.43.35 SPo32GGIO1

Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Ind1		
	stVal	SPo32GGIO1 Ind 1
Ind10		
	stVal	SPo32GGIO1 Ind 10
Ind11		
	stVal	SPo32GGIO1 Ind 11
Ind12		
	stVal	SPo32GGIO1 Ind 12
Ind13		
	stVal	SPo32GGIO1 Ind 13
Ind14		
	stVal	SPo32GGIO1 Ind 14
Ind15		
	stVal	SPo32GGIO1 Ind 15
Ind16		
	stVal	SPo32GGIO1 Ind 16
Ind17		
	stVal	SPo32GGIO1 Ind 17
Ind18		
	stVal	SPo32GGIO1 Ind 18
Ind19		
	stVal	SPo32GGIO1 Ind 19
Ind2		
	stVal	SPo32GGIO1 Ind 2
Ind20		
	stVal	SPo32GGIO1 Ind 20

Ind21		
	stVal	SPo32GGIO1 Ind 21
Ind22		
	stVal	SPo32GGIO1 Ind 22
Ind23		
	stVal	SPo32GGIO1 Ind 23
Ind24		
	stVal	SPo32GGIO1 Ind 24
Ind25		
	stVal	SPo32GGIO1 Ind 25
Ind26		
	stVal	SPo32GGIO1 Ind 26
Ind27		
	stVal	SPo32GGIO1 Ind 27
Ind28		
	stVal	SPo32GGIO1 Ind 28
Ind29		
	stVal	SPo32GGIO1 Ind 29
Ind3		
	stVal	SPo32GGIO1 Ind 3
Ind30		
	stVal	SPo32GGIO1 Ind 30
Ind31		
	stVal	SPo32GGIO1 Ind 31
Ind32		
	stVal	SPo32GGIO1 Ind 32
Ind4		
	stVal	SPo32GGIO1 Ind 4
Ind5		
	stVal	SPo32GGIO1 Ind 5
Ind6		
	stVal	SPo32GGIO1 Ind 6
Ind7		
	stVal	SPo32GGIO1 Ind 7
Ind8		
	stVal	SPo32GGIO1 Ind 8

Ind9		
	stVal	SPo32GGIO1 Ind 9
Mod		
	stVal	Device Reset

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Beh		
	stVal	Out of Service
Health		
	stVal	Protection Healthy
Ind1		
	stVal	Virtual 1
Ind10		
	stVal	Virtual 10
Ind11		
	stVal	Virtual 11
Ind12		
	stVal	Virtual 12
Ind13		
	stVal	Virtual 13
Ind14		
	stVal	Virtual 14
Ind15		
	stVal	Virtual 15
Ind16		
	stVal	Virtual 16
Ind2		
	stVal	Virtual 2
Ind3		
	stVal	Virtual 3
Ind4		
	stVal	Virtual 4
Ind5		
	stVal	Virtual 5
Ind6		
	stVal	Virtual 6

Ind7		
	stVal	Virtual 7
Ind8		
	stVal	Virtual 8
Ind9		
	stVal	Virtual 9
Mod		
	stVal	Device Reset