

MiCOM P741

Numerical Busbar Protection

P741/EN PM/J96

Version Software version: E2.0
 Hardware version: K

PICS & MICS

Content Protocol Implementation Conformance Statement &
 Model Implementation Conformance Statement

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1. IEC61850 ADDRESS ASSIGNMENT LIST (ADL)

1.1 OBJECTIVE

This section of the document is the IEC61850 Address Assignment List (ADL) and presents the relationships between Data Attributes of the IEC61850 data model and Courier Cells / Digital Data Bus signals in the settings database of the P741.

The reader is expected to be conversant with the terminology presented within the IEC61850 standards, namely parts 6 and 7 of the series.

1.2 LOGICAL DEVICE: PROTECTION

This section details Courier Cell and Digital Data Bus assignments to IEC61850 Data Attributes within Logical Nodes contained in the Protection Logical Device.

1.2.1 Logical Node: CftCzNPDIF1

Description: P740 : circuitry fault for SEF check zone

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_CF_SEF_ALM_CZ (811)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_CF_SEF_ALM_CZ (811)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_CF_SEF_LCK_CZ (815)
Op.neut	ST	IEC61850_87BB_CF_SEF_LCK_CZ (815)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[02 04] - IN Diff CZ
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[02 04] - IN Diff CZ
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.IILim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[02 08] - IN Bias CZ
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[02 08] - IN Bias CZ
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.IILim.f	CF	Other internal source.

Attribute	FC	Source
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.

1.2.2 Logical Node: CftCzPPDIF1

Description: P740 : circuitry fault supervision for each phase of the check zone

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_CF_PH_A_ALM_CZ (808)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_CF_PH_B_ALM_CZ (809)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_CF_PH_C_ALM_CZ (810)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	Other internal source.
Op.phsA	ST	IEC61850_87BB_CF_PH_A_LCK_CZ (812)
Op.phsB	ST	IEC61850_87BB_CF_PH_B_LCK_CZ (813)
Op.phsC	ST	IEC61850_87BB_CF_PH_C_LCK_CZ (814)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[02 01] - IA Diff CZ
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[02 01] - IA Diff CZ
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[02 02] - IB Diff CZ
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[02 02] - IB Diff CZ
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[02 03] - IC Diff CZ
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[02 03] - IC Diff CZ
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.

Attribute	FC	Source
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[02 05] - IA Bias CZ
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[02 05] - IA Bias CZ
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[02 06] - IB Bias CZ
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[02 06] - IB Bias CZ
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[02 07] - IC Bias CZ
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[02 07] - IC Bias CZ
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.

1.2.3 Logical Node: CftPhsPDF1

Description: Differential phase protection : Circuitry fault supervision for each phase of the zone 1

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_CF_PH_A_ALM_Z1 (855)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_CF_PH_B_ALM_Z1 (863)

Attribute	FC	Source
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_CF_PH_C_ALM_Z1 (871)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	Other internal source.
Op.phsA	ST	IEC61850_87BB_CF_PH_A_LCK_Z1 (823)
Op.phsB	ST	IEC61850_87BB_CF_PH_B_LCK_Z1 (831)
Op.phsC	ST	IEC61850_87BB_CF_PH_C_LCK_Z1 (839)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 01] - Z01: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 01] - Z01: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 02] - Z01: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 02] - Z01: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 03] - Z01: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 03] - Z01: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 05] - Z01: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 05] - Z01: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 06] - Z01: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 06] - Z01: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.

Attribute	FC	Source
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 07] - Z01: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 07] - Z01: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.

1.2.4 Logical Node: CftPhsPDIF2

Description: Differential phase protection : Circuitry fault supervision for each phase of the zone 2

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPit.vendor	DC	Other internal source.
NamPit.swRev	DC	[00 11] - Software Ref. 1
NamPit.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_CF_PH_A_ALM_Z2 (854)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_CF_PH_B_ALM_Z2 (862)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_CF_PH_C_ALM_Z2 (870)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	Other internal source.
Op.phsA	ST	IEC61850_87BB_CF_PH_A_LCK_Z2 (822)
Op.phsB	ST	IEC61850_87BB_CF_PH_B_LCK_Z2 (830)
Op.phsC	ST	IEC61850_87BB_CF_PH_C_LCK_Z2 (838)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 09] - Z02: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 09] - Z02: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 0A] - Z02: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.

Attribute	FC	Source
DifAClc.phsB.units.SIUnit	CF	[03 0A] - Z02: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 0B] - Z02: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 0B] - Z02: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 0D] - Z02: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 0D] - Z02: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 0E] - Z02: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 0E] - Z02: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 0F] - Z02: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 0F] - Z02: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.

1.2.5 Logical Node: CftPhsPDIF3

Description: Differential phase protection : Circuitry fault supervision for each phase of the zone 3

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_CF_PH_A_ALM_Z3 (853)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_CF_PH_B_ALM_Z3 (861)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_CF_PH_C_ALM_Z3 (869)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	Other internal source.
Op.phsA	ST	IEC61850_87BB_CF_PH_A_LCK_Z3 (821)
Op.phsB	ST	IEC61850_87BB_CF_PH_B_LCK_Z3 (829)
Op.phsC	ST	IEC61850_87BB_CF_PH_C_LCK_Z3 (837)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 11] - Z03: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 11] - Z03: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 12] - Z03: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 12] - Z03: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 13] - Z03: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 13] - Z03: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.

Attribute	FC	Source
DifACIc.phsC.rangeC.lLim.f	CF	Other internal source.
DifACIc.phsC.rangeC.lLim.f	CF	Other internal source.
DifACIc.phsC.rangeC.min.f	CF	Other internal source.
DifACIc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 15] - Z03: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 15] - Z03: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 16] - Z03: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 16] - Z03: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 17] - Z03: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 17] - Z03: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.

1.2.6 Logical Node: CftPhsPDIF4

Description: Differential phase protection : Circuitry fault supervision for each phase of the zone 4

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_CF_PH_A_ALM_Z4 (852)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_CF_PH_B_ALM_Z4 (860)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_CF_PH_C_ALM_Z4 (868)

Attribute	FC	Source
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	Other internal source.
Op.phsA	ST	IEC61850_87BB_CF_PH_A_LCK_Z4 (820)
Op.phsB	ST	IEC61850_87BB_CF_PH_B_LCK_Z4 (828)
Op.phsC	ST	IEC61850_87BB_CF_PH_C_LCK_Z4 (836)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 19] - Z04: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 19] - Z04: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 1A] - Z04: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 1A] - Z04: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 1B] - Z04: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 1B] - Z04: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 1D] - Z04: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 1D] - Z04: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 1E] - Z04: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 1E] - Z04: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.

Attribute	FC	Source
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 1F] - Z04: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 1F] - Z04: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.

1.2.7 Logical Node: CftPhsPDIF5

Description: Differential phase protection : Circuitry fault supervision for each phase of the zone 5

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_CF_PH_A_ALM_Z5 (851)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_CF_PH_B_ALM_Z5 (859)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_CF_PH_C_ALM_Z5 (867)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	Other internal source.
Op.phsA	ST	IEC61850_87BB_CF_PH_A_LCK_Z5 (819)
Op.phsB	ST	IEC61850_87BB_CF_PH_B_LCK_Z5 (827)
Op.phsC	ST	IEC61850_87BB_CF_PH_C_LCK_Z5 (835)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 21] - Z05: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 21] - Z05: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 22] - Z05: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 22] - Z05: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.

Attribute	FC	Source
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 23] - Z05: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 23] - Z05: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 25] - Z05: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 25] - Z05: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 26] - Z05: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 26] - Z05: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 27] - Z05: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 27] - Z05: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.

1.2.8 Logical Node: CftPhsPDIF6

Description: Differential phase protection : Circuitry fault supervision for each phase of the zone 6

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_CF_PH_A_ALM_Z6 (850)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_CF_PH_B_ALM_Z6 (858)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_CF_PH_C_ALM_Z6 (866)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	Other internal source.
Op.phsA	ST	IEC61850_87BB_CF_PH_A_LCK_Z6 (818)
Op.phsB	ST	IEC61850_87BB_CF_PH_B_LCK_Z6 (826)
Op.phsC	ST	IEC61850_87BB_CF_PH_C_LCK_Z6 (834)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 29] - Z06: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 29] - Z06: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 2A] - Z06: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 2A] - Z06: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 2B] - Z06: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 2B] - Z06: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.

Attribute	FC	Source
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 2D] - Z06: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 2D] - Z06: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 2E] - Z06: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 2E] - Z06: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 2F] - Z06: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 2F] - Z06: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.

1.2.9 Logical Node: CftPhsPDIF7

Description: Differential phase protection : Circuitry fault supervision for each phase of the zone 7

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_CF_PH_A_ALM_Z7 (849)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_CF_PH_B_ALM_Z7 (857)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_CF_PH_C_ALM_Z7 (865)

Attribute	FC	Source
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	Other internal source.
Op.phsA	ST	IEC61850_87BB_CF_PH_A_LCK_Z7 (817)
Op.phsB	ST	IEC61850_87BB_CF_PH_B_LCK_Z7 (825)
Op.phsC	ST	IEC61850_87BB_CF_PH_C_LCK_Z7 (833)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 31] - Z07: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 31] - Z07: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lIlLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 32] - Z07: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 32] - Z07: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lIlLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 33] - Z07: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 33] - Z07: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lIlLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 35] - Z07: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 35] - Z07: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lIlLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 36] - Z07: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 36] - Z07: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lIlLim.f	CF	Other internal source.

Attribute	FC	Source
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 37] - Z07: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 37] - Z07: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.

1.2.10 Logical Node: CftPhsPDIF8

Description: Differential phase protection : Circuitry fault supervision for each phase of the zone 8

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_CF_PH_A_ALM_Z8 (848)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_CF_PH_B_ALM_Z8 (856)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_CF_PH_C_ALM_Z8 (864)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	Other internal source.
Op.phsA	ST	IEC61850_87BB_CF_PH_A_LCK_Z8 (816)
Op.phsB	ST	IEC61850_87BB_CF_PH_B_LCK_Z8 (824)
Op.phsC	ST	IEC61850_87BB_CF_PH_C_LCK_Z8 (832)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 39] - Z08: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 39] - Z08: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 3A] - Z08: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 3A] - Z08: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.

Attribute	FC	Source
DifACIc.phsB.db	CF	Other internal source.
DifACIc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifACIc.phsB.rangeC.hLim.f	CF	Other internal source.
DifACIc.phsB.rangeC.lLim.f	CF	Other internal source.
DifACIc.phsB.rangeC.lLim.f	CF	Other internal source.
DifACIc.phsB.rangeC.min.f	CF	Other internal source.
DifACIc.phsB.rangeC.max.f	CF	Other internal source.
DifACIc.phsC.cVal.mag.f	MX	[03 3B] - Z08: IC diff
DifACIc.phsC.q	MX	Other internal source.
DifACIc.phsC.t	MX	Other internal source.
DifACIc.phsC.units.SIUnit	CF	[03 3B] - Z08: IC diff
DifACIc.phsC.units.multiplier	CF	Other internal source.
DifACIc.phsC.db	CF	Other internal source.
DifACIc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifACIc.phsC.rangeC.hLim.f	CF	Other internal source.
DifACIc.phsC.rangeC.lLim.f	CF	Other internal source.
DifACIc.phsC.rangeC.lLim.f	CF	Other internal source.
DifACIc.phsC.rangeC.min.f	CF	Other internal source.
DifACIc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 3D] - Z08: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 3D] - Z08: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 3E] - Z08: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 3E] - Z08: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 3F] - Z08: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 3F] - Z08: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.

1.2.11 Logical Node: CftSefPDIF1

Description: P740 : circuitry fault for SEF zone 1

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_CF_SEF_ALM_Z1 (879)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_CF_SEF_ALM_Z1 (879)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_CF_SEF_LCK_Z1 (847)
Op.neut	ST	IEC61850_87BB_CF_SEF_LCK_Z1 (847)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 04] - Z01: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 04] - Z01: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 08] - Z01: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 08] - Z01: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.

1.2.12 Logical Node: CftSefPDIF2

Description: P740 : circuitry fault for SEF zone 2

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.

Attribute	FC	Source
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_CF_SEF_ALM_Z2 (878)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_CF_SEF_ALM_Z2 (878)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_CF_SEF_LCK_Z2 (846)
Op.neut	ST	IEC61850_87BB_CF_SEF_LCK_Z2 (846)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 0C] - Z02: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 0C] - Z02: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 10] - Z02: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 10] - Z02: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.

1.2.13 Logical Node: CftSefPDIF3

Description: P740 : circuitry fault for SEF zone 3

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_CF_SEF_ALM_Z3 (877)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_CF_SEF_ALM_Z3 (877)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_CF_SEF_LCK_Z3 (845)
Op.neut	ST	IEC61850_87BB_CF_SEF_LCK_Z3 (845)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.

Attribute	FC	Source
DifAClc.neut.cVal.mag.f	MX	[03 14] - Z03: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 14] - Z03: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 18] - Z03: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 18] - Z03: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.

1.2.14 Logical Node: CftSefPDIF4

Description: P740 : circuitry fault for SEF zone 4

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_CF_SEF_ALM_Z4 (876)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_CF_SEF_ALM_Z4 (876)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_CF_SEF_LCK_Z4 (844)
Op.neut	ST	IEC61850_87BB_CF_SEF_LCK_Z4 (844)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 1C] - Z04: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 1C] - Z04: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 20] - Z04: IN bias
RstA.neut.q	MX	Other internal source.

Attribute	FC	Source
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 20] - Z04: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.

1.2.15 Logical Node: CftSefPDIF5

Description: P740 : circuitry fault for SEF zone 5

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_CF_SEF_ALM_Z5 (875)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_CF_SEF_ALM_Z5 (875)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_CF_SEF_LCK_Z5 (843)
Op.neut	ST	IEC61850_87BB_CF_SEF_LCK_Z5 (843)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 24] - Z05: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 24] - Z05: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 28] - Z05: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 28] - Z05: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.

1.2.16 Logical Node: CftSefPDIF6

Description: P740 : circuitry fault for SEF zone 6

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_CF_SEF_ALM_Z6 (874)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_CF_SEF_ALM_Z6 (874)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_CF_SEF_LCK_Z6 (842)
Op.neut	ST	IEC61850_87BB_CF_SEF_LCK_Z6 (842)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 2C] - Z06: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 2C] - Z06: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 30] - Z06: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 30] - Z06: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.

1.2.17 Logical Node: CftSefPDIF7

Description: P740 : circuitry fault for SEF zone 7

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.

Attribute	FC	Source
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_CF_SEF_ALM_Z7 (873)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_CF_SEF_ALM_Z7 (873)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_CF_SEF_LCK_Z7 (841)
Op.neut	ST	IEC61850_87BB_CF_SEF_LCK_Z7 (841)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 34] - Z07: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 34] - Z07: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 38] - Z07: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 38] - Z07: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.

1.2.18 Logical Node: CftSefPDIF8

Description: P740 : circuitry fault for SEF zone 8

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_CF_SEF_ALM_Z8 (872)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_CF_SEF_ALM_Z8 (872)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_CF_SEF_LCK_Z8 (840)
Op.neut	ST	IEC61850_87BB_CF_SEF_LCK_Z8 (840)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.

Attribute	FC	Source
DifAClc.neut.cVal.mag.f	MX	[03 3C] - Z08: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 3C] - Z08: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 40] - Z08: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 40] - Z08: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.

1.2.19 Logical Node: FltCzNPDF1

Description: P740 : SEF check zone fault

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Op.general	ST	IEC61850_87BB_FLT_SEF_CZ (807)
Op.neut	ST	IEC61850_87BB_FLT_SEF_CZ (807)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[02 04] - IN Diff CZ
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[02 04] - IN Diff CZ
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[02 08] - IN Bias CZ
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[02 08] - IN Bias CZ
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.

Attribute	FC	Source
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.

1.2.20 Logical Node: FltCzPPDIF1

Description: P740 : Fault on the check zone for each phase

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Op.general	ST	Other internal source.
Op.phsA	ST	IEC61850_87BB_FLT_PH_A_CZ (804)
Op.phsB	ST	IEC61850_87BB_FLT_PH_B_CZ (805)
Op.phsC	ST	IEC61850_87BB_FLT_PH_C_CZ (806)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[02 01] - IA Diff CZ
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[02 01] - IA Diff CZ
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[02 02] - IB Diff CZ
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[02 02] - IB Diff CZ
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[02 03] - IC Diff CZ
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[02 03] - IC Diff CZ
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.

Attribute	FC	Source
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[02 05] - IA Bias CZ
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[02 05] - IA Bias CZ
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[02 06] - IB Bias CZ
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[02 06] - IB Bias CZ
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[02 07] - IC Bias CZ
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[02 07] - IC Bias CZ
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.

1.2.21 Logical Node: LLN0

Description: Protection Logical Device for P741

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctiModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.

Attribute	FC	Source
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
NamPlt.configRev	DC	Other internal source.
NamPlt.IdNs	EX	Other internal source.
PhsDifMod.stVal	ST	Other internal source.
PhsDifMod.q	ST	Other internal source.
PhsDifMod.t	ST	Other internal source.
PhsDifMod.ctIModel	CF	Other internal source.
PhsDifMod.dataNs	EX	Other internal source.
PhsDifBeh.stVal	ST	Other internal source.
PhsDifBeh.q	ST	Other internal source.
PhsDifBeh.t	ST	Other internal source.
PhsDifBeh.dataNs	EX	Other internal source.
NeuDifMod.stVal	ST	Other internal source.
NeuDifMod.q	ST	Other internal source.
NeuDifMod.t	ST	Other internal source.
NeuDifMod.ctIModel	CF	Other internal source.
NeuDifMod.dataNs	EX	Other internal source.
NeuDifBeh.stVal	ST	Other internal source.
NeuDifBeh.q	ST	Other internal source.
NeuDifBeh.t	ST	Other internal source.
NeuDifBeh.dataNs	EX	Other internal source.
PhsCftMod.stVal	ST	Other internal source.
PhsCftMod.q	ST	Other internal source.
PhsCftMod.t	ST	Other internal source.
PhsCftMod.ctIModel	CF	Other internal source.
PhsCftMod.dataNs	EX	Other internal source.
PhsCftBeh.stVal	ST	Other internal source.
PhsCftBeh.q	ST	Other internal source.
PhsCftBeh.t	ST	Other internal source.
PhsCftBeh.dataNs	EX	Other internal source.
NeuCftMod.stVal	ST	Other internal source.
NeuCftMod.q	ST	Other internal source.
NeuCftMod.t	ST	Other internal source.
NeuCftMod.ctIModel	CF	Other internal source.
NeuCftMod.dataNs	EX	Other internal source.
NeuCftBeh.stVal	ST	Other internal source.
NeuCftBeh.q	ST	Other internal source.
NeuCftBeh.t	ST	Other internal source.
NeuCftBeh.dataNs	EX	Other internal source.
BFMod.stVal	ST	Other internal source.
BFMod.q	ST	Other internal source.
BFMod.t	ST	Other internal source.
BFMod.ctIModel	CF	Other internal source.
BFMod.dataNs	EX	Other internal source.
BFBeh.stVal	ST	Other internal source.
BFBeh.q	ST	Other internal source.
BFBeh.t	ST	Other internal source.
BFBeh.dataNs	EX	Other internal source.

1.2.22 Logical Node: LPHD1

Description: Physical Device Information

Attribute	FC	Source
PhyNam.vendor	DC	Other internal source.
PhyNam.hwRev	DC	Other internal source.
PhyNam.swRev	DC	[00 11] - Software Ref. 1
PhyNam.serNum	DC	[00 08] - Serial Number
PhyNam.model	DC	[00 06] - Model Number
PhyNam.location	DC	[00 05] - Plant Reference
PhyHealth.stVal	ST	Other internal source.
PhyHealth.q	ST	Other internal source.
PhyHealth.t	ST	Other internal source.
Proxy.stVal	ST	Other internal source.
Proxy.q	ST	Other internal source.
Proxy.t	ST	Other internal source.

Attribute	FC	Source
Proxy.d	DC	Other internal source.
PwrUp.stVal	ST	Other internal source.
PwrUp.q	ST	Other internal source.
PwrUp.t	ST	Other internal source.
PwrUp.d	DC	Other internal source.

1.2.23 Logical Node: TrpCupPTRC1

Description: P740 : central trip zone 1

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Tr.general	ST	Other internal source.
Tr.q	ST	Other internal source.
Tr.t	ST	Other internal source.

1.2.24 Logical Node: TrpCupPTRC2

Description: P740 : central trip zone 2

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Tr.general	ST	Other internal source.
Tr.q	ST	Other internal source.
Tr.t	ST	Other internal source.

1.2.25 Logical Node: TrpCupPTRC3

Description: P740 : central trip zone 3

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1

Attribute	FC	Source
NamPlt.d	DC	Other internal source.
Tr.general	ST	Other internal source.
Tr.q	ST	Other internal source.
Tr.t	ST	Other internal source.

1.2.26 Logical Node: TrpCupPTRC4

Description: P740 : central trip zone 4

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctilModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Tr.general	ST	Other internal source.
Tr.q	ST	Other internal source.
Tr.t	ST	Other internal source.

1.2.27 Logical Node: TrpCupPTRC5

Description: P740 : central trip zone 5

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctilModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Tr.general	ST	Other internal source.
Tr.q	ST	Other internal source.
Tr.t	ST	Other internal source.

1.2.28 Logical Node: TrpCupPTRC6

Description: P740 : central trip zone 6

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctilModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.

Attribute	FC	Source
Tr.general	ST	Other internal source.
Tr.q	ST	Other internal source.
Tr.t	ST	Other internal source.

1.2.29 Logical Node: TrpCupPTRC7

Description: P740 : central trip zone 7

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Tr.general	ST	Other internal source.
Tr.q	ST	Other internal source.
Tr.t	ST	Other internal source.

1.2.30 Logical Node: TrpCupPTRC8

Description: P740 : central trip zone 8

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Tr.general	ST	Other internal source.
Tr.q	ST	Other internal source.
Tr.t	ST	Other internal source.

1.2.31 Logical Node: TrpNeuPDIF1

Description: P740 : Trip zone 1 for SEF

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_FLT_SEF_Z1 (919)

Attribute	FC	Source
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_FLT_SEF_Z1 (919)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_SEF_Z1 (935)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 04] - Z01: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 04] - Z01: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 08] - Z01: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 08] - Z01: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.32 Logical Node: TrpNeuPDIF2

Description: P740 : Trip zone 2 for SEF

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_FLT_SEF_Z2 (918)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_FLT_SEF_Z2 (918)
Str.dirNeut	ST	Other internal source.

Attribute	FC	Source
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_SEF_Z2 (934)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 0C] - Z02: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 0C] - Z02: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 10] - Z02: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 10] - Z02: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.33 Logical Node: TrpNeuPDIF3

Description: P740 : Trip zone 3 for SEF

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctiModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_FLT_SEF_Z3 (917)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_FLT_SEF_Z3 (917)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_SEF_Z3 (933)

Attribute	FC	Source
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 14] - Z03: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 14] - Z03: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 18] - Z03: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 18] - Z03: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.34 Logical Node: TrpNeuPDIF4

Description: P740 : Trip zone 4 for SEF

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_FLT_SEF_Z4 (916)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_FLT_SEF_Z4 (916)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_SEF_Z4 (932)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 1C] - Z04: IN diff

Attribute	FC	Source
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 1C] - Z04: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 20] - Z04: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 20] - Z04: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.35 Logical Node: TrpNeuPDIF5

Description: P740 : Trip zone 5 for SEF

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_FLT_SEF_Z5 (915)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_FLT_SEF_Z5 (915)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_SEF_Z5 (931)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 24] - Z05: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 24] - Z05: IN diff

Attribute	FC	Source
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 28] - Z05: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 28] - Z05: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.36 Logical Node: TrpNeuPDIF6

Description: P740 : Trip zone 6 for SEF

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_FLT_SEF_Z6 (914)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_FLT_SEF_Z6 (914)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_SEF_Z6 (930)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 2C] - Z06: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 2C] - Z06: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.

Attribute	FC	Source
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 30] - Z06: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 30] - Z06: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.37 Logical Node: TrpNeuPDIF7

Description: P740 : Trip zone 7 for SEF

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_FLT_SEF_Z7 (913)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_FLT_SEF_Z7 (913)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_SEF_Z7 (929)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 34] - Z07: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 34] - Z07: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.

Attribute	FC	Source
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 38] - Z07: IN bias
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 38] - Z07: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.38 Logical Node: TrpNeuPDIF8

Description: P740 : Trip zone 8 for SEF

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	IEC61850_87BB_FLT_SEF_Z8 (912)
Str.dirGeneral	ST	Other internal source.
Str.neut	ST	IEC61850_87BB_FLT_SEF_Z8 (912)
Str.dirNeut	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_SEF_Z8 (928)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.neut.cVal.mag.f	MX	[03 3C] - Z08: IN diff
DifAClc.neut.q	MX	Other internal source.
DifAClc.neut.t	MX	Other internal source.
DifAClc.neut.units.SIUnit	CF	[03 3C] - Z08: IN diff
DifAClc.neut.units.multiplier	CF	Other internal source.
DifAClc.neut.db	CF	Other internal source.
DifAClc.neut.rangeC.hhLim.f	CF	Other internal source.
DifAClc.neut.rangeC.hLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.lLim.f	CF	Other internal source.
DifAClc.neut.rangeC.min.f	CF	Other internal source.
DifAClc.neut.rangeC.max.f	CF	Other internal source.
RstA.neut.cVal.mag.f	MX	[03 40] - Z08: IN bias

Attribute	FC	Source
RstA.neut.q	MX	Other internal source.
RstA.neut.t	MX	Other internal source.
RstA.neut.units.SIUnit	CF	[03 40] - Z08: IN bias
RstA.neut.units.multiplier	CF	Other internal source.
RstA.neut.db	CF	Other internal source.
RstA.neut.rangeC.hhLim.f	CF	Other internal source.
RstA.neut.rangeC.hLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.lLim.f	CF	Other internal source.
RstA.neut.rangeC.min.f	CF	Other internal source.
RstA.neut.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.39 Logical Node: TrpPhsPDF1

Description: Differential phases protection : Trip zone 1 for the three phases.

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPit.vendor	DC	Other internal source.
NamPit.swRev	DC	[00 11] - Software Ref. 1
NamPit.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_FLT_PH_A_Z1 (895)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_FLT_PH_B_Z1 (903)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_FLT_PH_C_Z1 (911)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_PHS_Z1 (927)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifACIc.phsA.cVal.mag.f	MX	[03 01] - Z01: IA diff
DifACIc.phsA.q	MX	Other internal source.
DifACIc.phsA.t	MX	Other internal source.
DifACIc.phsA.units.SIUnit	CF	[03 01] - Z01: IA diff
DifACIc.phsA.units.multiplier	CF	Other internal source.
DifACIc.phsA.db	CF	Other internal source.
DifACIc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifACIc.phsA.rangeC.hLim.f	CF	Other internal source.
DifACIc.phsA.rangeC.lLim.f	CF	Other internal source.
DifACIc.phsA.rangeC.lLim.f	CF	Other internal source.
DifACIc.phsA.rangeC.min.f	CF	Other internal source.
DifACIc.phsA.rangeC.max.f	CF	Other internal source.

Attribute	FC	Source
DifAClc.phsB.cVal.mag.f	MX	[03 02] - Z01: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 02] - Z01: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 03] - Z01: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 03] - Z01: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 05] - Z01: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 05] - Z01: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 06] - Z01: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 06] - Z01: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 07] - Z01: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 07] - Z01: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.

Attribute	FC	Source
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.40 Logical Node: TrpPhsPDIF2

Description: Differential phases protection : Trip zone 2 for the three phases.

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_FLT_PH_A_Z2 (894)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_FLT_PH_B_Z2 (902)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_FLT_PH_C_Z2 (910)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_PHS_Z2 (926)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 09] - Z02: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 09] - Z02: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 0A] - Z02: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 0A] - Z02: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 0B] - Z02: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 0B] - Z02: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.

Attribute	FC	Source
DifACIc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifACIc.phsC.rangeC.hLim.f	CF	Other internal source.
DifACIc.phsC.rangeC.lLim.f	CF	Other internal source.
DifACIc.phsC.rangeC.lLim.f	CF	Other internal source.
DifACIc.phsC.rangeC.min.f	CF	Other internal source.
DifACIc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 0D] - Z02: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 0D] - Z02: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 0E] - Z02: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 0E] - Z02: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 0F] - Z02: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 0F] - Z02: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.41 Logical Node: TrpPhsPDIF3

Description: Differential phases protection : Trip zone 3 for the three phases.

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.

Attribute	FC	Source
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_FLT_PH_A_Z3 (893)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_FLT_PH_B_Z3 (901)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_FLT_PH_C_Z3 (909)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_PHS_Z3 (925)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 11] - Z03: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 11] - Z03: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 12] - Z03: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 12] - Z03: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 13] - Z03: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 13] - Z03: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 15] - Z03: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 15] - Z03: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.

Attribute	FC	Source
RstA.phsB.cVal.mag.f	MX	[03 16] - Z03: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 16] - Z03: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 17] - Z03: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 17] - Z03: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.42 Logical Node: TrpPhsPDIF4

Description: Differential phases protection : Trip zone 4 for the three phases.

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_FLT_PH_A_Z4 (892)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_FLT_PH_B_Z4 (900)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_FLT_PH_C_Z4 (908)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_PHS_Z4 (924)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 19] - Z04: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 19] - Z04: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 1A] - Z04: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 1A] - Z04: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 1B] - Z04: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 1B] - Z04: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.

Attribute	FC	Source
RstA.phsA.cVal.mag.f	MX	[03 1D] - Z04: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 1D] - Z04: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 1E] - Z04: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 1E] - Z04: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 1F] - Z04: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 1F] - Z04: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.43 Logical Node: TrpPhsPDIF5

Description: Differential phases protection : Trip zone 5 for the three phases.

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.

Attribute	FC	Source
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_FLT_PH_A_Z5 (891)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_FLT_PH_B_Z5 (899)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_FLT_PH_C_Z5 (907)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_PHS_Z5 (923)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 21] - Z05: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 21] - Z05: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 22] - Z05: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 22] - Z05: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 23] - Z05: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 23] - Z05: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 25] - Z05: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 25] - Z05: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 26] - Z05: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 26] - Z05: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.

Attribute	FC	Source
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 27] - Z05: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 27] - Z05: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.44 Logical Node: TrpPhsPDIF6

Description: Differential phases protection : Trip zone 6 for the three phases.

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_FLT_PH_A_Z6 (890)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_FLT_PH_B_Z6 (898)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_FLT_PH_C_Z6 (906)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_PHS_Z6 (922)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 29] - Z06: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 29] - Z06: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.

Attribute	FC	Source
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lllLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 2A] - Z06: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 2A] - Z06: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lllLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 2B] - Z06: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 2B] - Z06: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lllLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 2D] - Z06: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 2D] - Z06: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lllLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 2E] - Z06: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 2E] - Z06: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lllLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 2F] - Z06: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 2F] - Z06: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lllLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.

Attribute	FC	Source
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.45 Logical Node: TrpPhsPDIF7

Description: Differential phases protection : Trip zone 7 for the three phases.

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_FLT_PH_A_Z7 (889)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_FLT_PH_B_Z7 (897)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_FLT_PH_C_Z7 (905)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_PHS_Z7 (921)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 31] - Z07: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 31] - Z07: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 32] - Z07: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 32] - Z07: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.

Attribute	FC	Source
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 33] - Z07: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 33] - Z07: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 35] - Z07: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 35] - Z07: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 36] - Z07: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 36] - Z07: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 37] - Z07: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 37] - Z07: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.46 Logical Node: TrpPhsPDIF8

Description: Differential phases protection : Trip zone 8 for the three phases.

Attribute	FC	Source
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Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Str.general	ST	Other internal source.
Str.dirGeneral	ST	Other internal source.
Str.phsA	ST	IEC61850_87BB_FLT_PH_A_Z8 (888)
Str.dirPhsA	ST	Other internal source.
Str.phsB	ST	IEC61850_87BB_FLT_PH_B_Z8 (896)
Str.dirPhsB	ST	Other internal source.
Str.phsC	ST	IEC61850_87BB_FLT_PH_C_Z8 (904)
Str.dirPhsC	ST	Other internal source.
Str.q	ST	Other internal source.
Str.t	ST	Other internal source.
Op.general	ST	IEC61850_87BB_OP_PHS_Z8 (920)
Op.q	ST	Other internal source.
Op.t	ST	Other internal source.
DifAClc.phsA.cVal.mag.f	MX	[03 39] - Z08: IA diff
DifAClc.phsA.q	MX	Other internal source.
DifAClc.phsA.t	MX	Other internal source.
DifAClc.phsA.units.SIUnit	CF	[03 39] - Z08: IA diff
DifAClc.phsA.units.multiplier	CF	Other internal source.
DifAClc.phsA.db	CF	Other internal source.
DifAClc.phsA.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsA.rangeC.min.f	CF	Other internal source.
DifAClc.phsA.rangeC.max.f	CF	Other internal source.
DifAClc.phsB.cVal.mag.f	MX	[03 3A] - Z08: IB diff
DifAClc.phsB.q	MX	Other internal source.
DifAClc.phsB.t	MX	Other internal source.
DifAClc.phsB.units.SIUnit	CF	[03 3A] - Z08: IB diff
DifAClc.phsB.units.multiplier	CF	Other internal source.
DifAClc.phsB.db	CF	Other internal source.
DifAClc.phsB.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsB.rangeC.min.f	CF	Other internal source.
DifAClc.phsB.rangeC.max.f	CF	Other internal source.
DifAClc.phsC.cVal.mag.f	MX	[03 3B] - Z08: IC diff
DifAClc.phsC.q	MX	Other internal source.
DifAClc.phsC.t	MX	Other internal source.
DifAClc.phsC.units.SIUnit	CF	[03 3B] - Z08: IC diff
DifAClc.phsC.units.multiplier	CF	Other internal source.
DifAClc.phsC.db	CF	Other internal source.
DifAClc.phsC.rangeC.hhLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.hLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.lLim.f	CF	Other internal source.
DifAClc.phsC.rangeC.min.f	CF	Other internal source.
DifAClc.phsC.rangeC.max.f	CF	Other internal source.
RstA.phsA.cVal.mag.f	MX	[03 3D] - Z08: IA bias
RstA.phsA.q	MX	Other internal source.
RstA.phsA.t	MX	Other internal source.
RstA.phsA.units.SIUnit	CF	[03 3D] - Z08: IA bias
RstA.phsA.units.multiplier	CF	Other internal source.

Attribute	FC	Source
RstA.phsA.db	CF	Other internal source.
RstA.phsA.rangeC.hhLim.f	CF	Other internal source.
RstA.phsA.rangeC.hLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.lLim.f	CF	Other internal source.
RstA.phsA.rangeC.min.f	CF	Other internal source.
RstA.phsA.rangeC.max.f	CF	Other internal source.
RstA.phsB.cVal.mag.f	MX	[03 3E] - Z08: IB bias
RstA.phsB.q	MX	Other internal source.
RstA.phsB.t	MX	Other internal source.
RstA.phsB.units.SIUnit	CF	[03 3E] - Z08: IB bias
RstA.phsB.units.multiplier	CF	Other internal source.
RstA.phsB.db	CF	Other internal source.
RstA.phsB.rangeC.hhLim.f	CF	Other internal source.
RstA.phsB.rangeC.hLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.lLim.f	CF	Other internal source.
RstA.phsB.rangeC.min.f	CF	Other internal source.
RstA.phsB.rangeC.max.f	CF	Other internal source.
RstA.phsC.cVal.mag.f	MX	[03 3F] - Z08: IC bias
RstA.phsC.q	MX	Other internal source.
RstA.phsC.t	MX	Other internal source.
RstA.phsC.units.SIUnit	CF	[03 3F] - Z08: IC bias
RstA.phsC.units.multiplier	CF	Other internal source.
RstA.phsC.db	CF	Other internal source.
RstA.phsC.rangeC.hhLim.f	CF	Other internal source.
RstA.phsC.rangeC.hLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.lLim.f	CF	Other internal source.
RstA.phsC.rangeC.min.f	CF	Other internal source.
RstA.phsC.rangeC.max.f	CF	Other internal source.
CftBeh.stVal	ST	Other internal source.
CftBeh.q	ST	Other internal source.
CftBeh.t	ST	Other internal source.
CftBeh.dataNs	EX	Other internal source.
PueBeh.stVal	ST	Other internal source.
PueBeh.q	ST	Other internal source.
PueBeh.t	ST	Other internal source.
PueBeh.dataNs	EX	Other internal source.
CzBeh.stVal	ST	Other internal source.
CzBeh.q	ST	Other internal source.
CzBeh.t	ST	Other internal source.
CzBeh.dataNs	EX	Other internal source.

1.2.47 Logical Node: TrpPhsRBRF1

Description: P740 : central breaker failure busbar 1

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
OpEx.general	ST	Other internal source.
OpEx.q	ST	Other internal source.
OpEx.t	ST	Other internal source.

1.2.48 Logical Node: TrpPhsRBRF2

Description: P740 : central breaker failure busbar 2

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
OpEx.general	ST	Other internal source.
OpEx.q	ST	Other internal source.
OpEx.t	ST	Other internal source.

1.2.49 Logical Node: TrpPhsRBRF3

Description: P740 : central breaker failure busbar 3

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
OpEx.general	ST	Other internal source.
OpEx.q	ST	Other internal source.
OpEx.t	ST	Other internal source.

1.2.50 Logical Node: TrpPhsRBRF4

Description: P740 : central breaker failure busbar 4

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
OpEx.general	ST	Other internal source.
OpEx.q	ST	Other internal source.
OpEx.t	ST	Other internal source.

1.2.51 Logical Node: TrpPhsRBRF5

Description: P740 : central breaker failure busbar 5

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
OpEx.general	ST	Other internal source.
OpEx.q	ST	Other internal source.
OpEx.t	ST	Other internal source.

1.2.52 Logical Node: TrpPhsRBRF6

Description: P740 : central breaker failure busbar 6

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
OpEx.general	ST	Other internal source.
OpEx.q	ST	Other internal source.
OpEx.t	ST	Other internal source.

1.2.53 Logical Node: TrpPhsRBRF7

Description: P740 : central breaker failure busbar 7

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
OpEx.general	ST	Other internal source.
OpEx.q	ST	Other internal source.
OpEx.t	ST	Other internal source.

1.2.54 Logical Node: TrpPhsRBRF8

Description: P740 : central breaker failure busbar 8

Attribute	FC	Source
Mod.stVal	ST	Other internal source.

Attribute	FC	Source
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
OpEx.general	ST	Other internal source.
OpEx.q	ST	Other internal source.
OpEx.t	ST	Other internal source.

1.3 LOGICAL DEVICE: RECORDS

This section details Courier Cell and Digital Data Bus assignments to IEC61850 Data Attributes within Logical Nodes contained in the Records Logical Device.

1.3.1 Logical Node: LLN0

Description: Records Logical Device

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
NamPlt.configRev	DC	Other internal source.
NamPlt.lDNs	EX	Other internal source.

1.3.2 Logical Node: LPHD1

Description: Physical Device Information

Attribute	FC	Source
PhyNam.vendor	DC	Other internal source.
PhyNam.hwRev	DC	Other internal source.
PhyNam.swRev	DC	[00 11] - Software Ref. 1
PhyNam.serNum	DC	[00 08] - Serial Number
PhyNam.model	DC	[00 06] - Model Number
PhyNam.location	DC	[00 05] - Plant Reference
PhyHealth.stVal	ST	Other internal source.
PhyHealth.q	ST	Other internal source.
PhyHealth.t	ST	Other internal source.
Proxy.stVal	ST	Other internal source.
Proxy.q	ST	Other internal source.
Proxy.t	ST	Other internal source.
Proxy.d	DC	Other internal source.
PwrUp.stVal	ST	Other internal source.
PwrUp.q	ST	Other internal source.
PwrUp.t	ST	Other internal source.
PwrUp.d	DC	Other internal source.

1.3.3 Logical Node: RDRE1

Description: Disturbance Recorder

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.

Attribute	FC	Source
RcdTrg.ctlVal	CO	[0C 2C] - Manual Trigger
RcdTrg.origin.orCat	ST	Other internal source.
RcdTrg.origin.orIdent	ST	Other internal source.
RcdTrg.stVal	ST	DISTURB_RECORDER (389)
RcdTrg.q	ST	Other internal source.
RcdTrg.t	ST	Other internal source.
RcdTrg.ctlModel	CF	Other internal source.
RcdTrg.sboTimeout	CF	Other internal source.
RcdMade.stVal	ST	Other internal source.
RcdMade.q	ST	Other internal source.
RcdMade.t	ST	Other internal source.
FltNum.stVal	ST	Other internal source.
FltNum.q	ST	Other internal source.
FltNum.t	ST	Other internal source.

1.4 LOGICAL DEVICE: SYSTEM

This section details Courier Cell and Digital Data Bus assignments to IEC61850 Data Attributes within Logical Nodes contained in the System Logical Device.

1.4.1 Logical Node: AlmGGIO1

Description: Alarms

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Alm1.stVal	ST	Other internal source.
Alm1.q	ST	Other internal source.
Alm1.t	ST	Other internal source.
Alm1.d	DC	Other internal source.
Alm2.stVal	ST	Other internal source.
Alm2.q	ST	Other internal source.
Alm2.t	ST	Other internal source.
Alm2.d	DC	Other internal source.
Alm3.stVal	ST	ALARM_OPTO_TRIP_BF (261)
Alm3.q	ST	Other internal source.
Alm3.t	ST	Other internal source.
Alm3.d	DC	ALARM_OPTO_TRIP_BF (261)
Alm4.stVal	ST	ALARM_MAJOR (272)
Alm4.q	ST	Other internal source.
Alm4.t	ST	Other internal source.
Alm4.d	DC	ALARM_MAJOR (272)
Alm5.stVal	ST	TS_ALL_PROT_DISABLED (111)
Alm5.q	ST	Other internal source.
Alm5.t	ST	Other internal source.
Alm5.d	DC	TS_ALL_PROT_DISABLED (111)
Alm6.stVal	ST	ALARM_MINOR (135)
Alm6.q	ST	Other internal source.
Alm6.t	ST	Other internal source.
Alm6.d	DC	ALARM_MINOR (135)
Alm7.stVal	ST	ALARM_CIRCUITRY_FAULT (266)
Alm7.q	ST	Other internal source.
Alm7.t	ST	Other internal source.
Alm7.d	DC	ALARM_CIRCUITRY_FAULT (266)
Alm8.stVal	ST	ALARM_CONSIGNATION_LEVEL_1 (267)
Alm8.q	ST	Other internal source.
Alm8.t	ST	Other internal source.
Alm8.d	DC	ALARM_CONSIGNATION_LEVEL_1 (267)
Alm9.stVal	ST	ALARM_CONSIGNATION_LEVEL_2 (268)
Alm9.q	ST	Other internal source.
Alm9.t	ST	Other internal source.
Alm9.d	DC	ALARM_CONSIGNATION_LEVEL_2 (268)
Alm10.stVal	ST	ALARM_CIRC_FAULT_BLOCK (280)
Alm10.q	ST	Other internal source.
Alm10.t	ST	Other internal source.
Alm10.d	DC	ALARM_CIRC_FAULT_BLOCK (280)
Alm11.stVal	ST	ALARM_PU_ERROR (281)
Alm11.q	ST	Other internal source.
Alm11.t	ST	Other internal source.
Alm11.d	DC	ALARM_PU_ERROR (281)

Attribute	FC	Source
Alm12.stVal	ST	ALARM_PU_ERROR_BLOCKING (282)
Alm12.q	ST	Other internal source.
Alm12.t	ST	Other internal source.
Alm12.d	DC	ALARM_PU_ERROR_BLOCKING (282)
Alm13.stVal	ST	ALARM_SEF_BLOCKED (283)
Alm13.q	ST	Other internal source.
Alm13.t	ST	Other internal source.
Alm13.d	DC	ALARM_SEF_BLOCKED (283)
Alm14.stVal	ST	ALARM_CZ_CIRC_FAULT (284)
Alm14.q	ST	Other internal source.
Alm14.t	ST	Other internal source.
Alm14.d	DC	ALARM_CZ_CIRC_FAULT (284)
Alm15.stVal	ST	ALARM_CZ_BLOCKED_CIRC_FAULT (285)
Alm15.q	ST	Other internal source.
Alm15.t	ST	Other internal source.
Alm15.d	DC	ALARM_CZ_BLOCKED_CIRC_FAULT (285)
Alm16.stVal	ST	ALARM_CZ_PU_ERROR (286)
Alm16.q	ST	Other internal source.
Alm16.t	ST	Other internal source.
Alm16.d	DC	ALARM_CZ_PU_ERROR (286)
Alm17.stVal	ST	ALARM_CZ_BLOCKED_PU_ERROR (287)
Alm17.q	ST	Other internal source.
Alm17.t	ST	Other internal source.
Alm17.d	DC	ALARM_CZ_BLOCKED_PU_ERROR (287)
Alm18.stVal	ST	ALARM_OPERATING_MODE_2 (365)
Alm18.q	ST	Other internal source.
Alm18.t	ST	Other internal source.
Alm18.d	DC	Other internal source.
Alm19.stVal	ST	ALARM_USER_1 (136)
Alm19.q	ST	Other internal source.
Alm19.t	ST	Other internal source.
Alm19.d	DC	ALARM_USER_1 (136)
Alm20.stVal	ST	ALARM_USER_2 (137)
Alm20.q	ST	Other internal source.
Alm20.t	ST	Other internal source.
Alm20.d	DC	ALARM_USER_2 (137)
Alm21.stVal	ST	ALARM_USER_3 (138)
Alm21.q	ST	Other internal source.
Alm21.t	ST	Other internal source.
Alm21.d	DC	ALARM_USER_3 (138)
Alm22.stVal	ST	ALARM_USER_4 (139)
Alm22.q	ST	Other internal source.
Alm22.t	ST	Other internal source.
Alm22.d	DC	ALARM_USER_4 (139)
Alm23.stVal	ST	ALARM_USER_5 (140)
Alm23.q	ST	Other internal source.
Alm23.t	ST	Other internal source.
Alm23.d	DC	ALARM_USER_5 (140)
Alm24.stVal	ST	ALARM_USER_6 (141)
Alm24.q	ST	Other internal source.
Alm24.t	ST	Other internal source.
Alm24.d	DC	ALARM_USER_6 (141)
Alm25.stVal	ST	ALARM_USER_7 (142)
Alm25.q	ST	Other internal source.
Alm25.t	ST	Other internal source.
Alm25.d	DC	ALARM_USER_7 (142)
Alm26.stVal	ST	ALARM_USER_8 (143)
Alm26.q	ST	Other internal source.
Alm26.t	ST	Other internal source.
Alm26.d	DC	ALARM_USER_8 (143)
Alm27.stVal	ST	ALARM_GENERAL (399)
Alm27.q	ST	Other internal source.
Alm27.t	ST	Other internal source.
Alm27.d	DC	ALARM_GENERAL (399)
Alm28.stVal	ST	ALARM_87BB_PHASE_BLOCKED (271)
Alm28.q	ST	Other internal source.
Alm28.t	ST	Other internal source.

Attribute	FC	Source
Alm28.d	DC	ALARM_87BB_PHASE_BLOCKED (271)
Alm29.stVal	ST	Other internal source.
Alm29.q	ST	Other internal source.
Alm29.t	ST	Other internal source.
Alm29.d	DC	Other internal source.
Alm30.stVal	ST	Other internal source.
Alm30.q	ST	Other internal source.
Alm30.t	ST	Other internal source.
Alm30.d	DC	Other internal source.
Alm31.stVal	ST	Other internal source.
Alm31.q	ST	Other internal source.
Alm31.t	ST	Other internal source.
Alm31.d	DC	Other internal source.
Alm32.stVal	ST	Other internal source.
Alm32.q	ST	Other internal source.
Alm32.t	ST	Other internal source.
Alm32.d	DC	Other internal source.
Alm33.stVal	ST	Other internal source.
Alm33.q	ST	Other internal source.
Alm33.t	ST	Other internal source.
Alm33.d	DC	Other internal source.
Alm34.stVal	ST	Other internal source.
Alm34.q	ST	Other internal source.
Alm34.t	ST	Other internal source.
Alm34.d	DC	Other internal source.
Alm35.stVal	ST	Other internal source.
Alm35.q	ST	Other internal source.
Alm35.t	ST	Other internal source.
Alm35.d	DC	Other internal source.
Alm36.stVal	ST	Other internal source.
Alm36.q	ST	Other internal source.
Alm36.t	ST	Other internal source.
Alm36.d	DC	Other internal source.
Alm37.stVal	ST	Other internal source.
Alm37.q	ST	Other internal source.
Alm37.t	ST	Other internal source.
Alm37.d	DC	Other internal source.
Alm38.stVal	ST	Other internal source.
Alm38.q	ST	Other internal source.
Alm38.t	ST	Other internal source.
Alm38.d	DC	Other internal source.
Alm39.stVal	ST	Other internal source.
Alm39.q	ST	Other internal source.
Alm39.t	ST	Other internal source.
Alm39.d	DC	Other internal source.
Alm40.stVal	ST	Other internal source.
Alm40.q	ST	Other internal source.
Alm40.t	ST	Other internal source.
Alm40.d	DC	Other internal source.
Alm41.stVal	ST	Other internal source.
Alm41.q	ST	Other internal source.
Alm41.t	ST	Other internal source.
Alm41.d	DC	Other internal source.
Alm42.stVal	ST	Other internal source.
Alm42.q	ST	Other internal source.
Alm42.t	ST	Other internal source.
Alm42.d	DC	Other internal source.
Alm43.stVal	ST	Other internal source.
Alm43.q	ST	Other internal source.
Alm43.t	ST	Other internal source.
Alm43.d	DC	Other internal source.
Alm44.stVal	ST	Other internal source.
Alm44.q	ST	Other internal source.
Alm44.t	ST	Other internal source.
Alm44.d	DC	Other internal source.
Alm45.stVal	ST	Other internal source.
Alm45.q	ST	Other internal source.

Attribute	FC	Source
Alm45.t	ST	Other internal source.
Alm45.d	DC	Other internal source.
Alm46.stVal	ST	Other internal source.
Alm46.q	ST	Other internal source.
Alm46.t	ST	Other internal source.
Alm46.d	DC	Other internal source.
Alm47.stVal	ST	Other internal source.
Alm47.q	ST	Other internal source.
Alm47.t	ST	Other internal source.
Alm47.d	DC	Other internal source.
Alm48.stVal	ST	Other internal source.
Alm48.q	ST	Other internal source.
Alm48.t	ST	Other internal source.
Alm48.d	DC	Other internal source.
Alm49.stVal	ST	Other internal source.
Alm49.q	ST	Other internal source.
Alm49.t	ST	Other internal source.
Alm49.d	DC	Other internal source.
Alm50.stVal	ST	Other internal source.
Alm50.q	ST	Other internal source.
Alm50.t	ST	Other internal source.
Alm50.d	DC	Other internal source.
Alm51.stVal	ST	Other internal source.
Alm51.q	ST	Other internal source.
Alm51.t	ST	Other internal source.
Alm51.d	DC	Other internal source.
Alm52.stVal	ST	Other internal source.
Alm52.q	ST	Other internal source.
Alm52.t	ST	Other internal source.
Alm52.d	DC	Other internal source.
Alm53.stVal	ST	Other internal source.
Alm53.q	ST	Other internal source.
Alm53.t	ST	Other internal source.
Alm53.d	DC	Other internal source.
Alm54.stVal	ST	Other internal source.
Alm54.q	ST	Other internal source.
Alm54.t	ST	Other internal source.
Alm54.d	DC	Other internal source.
Alm55.stVal	ST	Other internal source.
Alm55.q	ST	Other internal source.
Alm55.t	ST	Other internal source.
Alm55.d	DC	Other internal source.
Alm56.stVal	ST	Other internal source.
Alm56.q	ST	Other internal source.
Alm56.t	ST	Other internal source.
Alm56.d	DC	Other internal source.
Alm57.stVal	ST	Other internal source.
Alm57.q	ST	Other internal source.
Alm57.t	ST	Other internal source.
Alm57.d	DC	Other internal source.
Alm58.stVal	ST	Other internal source.
Alm58.q	ST	Other internal source.
Alm58.t	ST	Other internal source.
Alm58.d	DC	Other internal source.
Alm59.stVal	ST	Other internal source.
Alm59.q	ST	Other internal source.
Alm59.t	ST	Other internal source.
Alm59.d	DC	Other internal source.
Alm60.stVal	ST	Other internal source.
Alm60.q	ST	Other internal source.
Alm60.t	ST	Other internal source.
Alm60.d	DC	Other internal source.
Alm61.stVal	ST	Other internal source.
Alm61.q	ST	Other internal source.
Alm61.t	ST	Other internal source.
Alm61.d	DC	Other internal source.
Alm62.stVal	ST	Other internal source.

Attribute	FC	Source
Alm62.q	ST	Other internal source.
Alm62.t	ST	Other internal source.
Alm62.d	DC	Other internal source.
Alm63.stVal	ST	Other internal source.
Alm63.q	ST	Other internal source.
Alm63.t	ST	Other internal source.
Alm63.d	DC	Other internal source.
Alm64.stVal	ST	Other internal source.
Alm64.q	ST	Other internal source.
Alm64.t	ST	Other internal source.
Alm64.d	DC	Other internal source.
Alm65.stVal	ST	DDB_PLAT_BATTERY_FAIL_ALARM (469)
Alm65.q	ST	Other internal source.
Alm65.t	ST	Other internal source.
Alm65.d	DC	DDB_PLAT_BATTERY_FAIL_ALARM (469)
Alm66.stVal	ST	DDB_PLAT_FIELD_VOLT_FAIL_ALARM (470)
Alm66.q	ST	Other internal source.
Alm66.t	ST	Other internal source.
Alm66.d	DC	DDB_PLAT_FIELD_VOLT_FAIL_ALARM (470)
Alm67.stVal	ST	Other internal source.
Alm67.q	ST	Other internal source.
Alm67.t	ST	Other internal source.
Alm67.d	DC	Other internal source.
Alm68.stVal	ST	DDB_GOOSE_IED_MISSING_ALARM_67 (472)
Alm68.q	ST	Other internal source.
Alm68.t	ST	Other internal source.
Alm68.d	DC	DDB_GOOSE_IED_MISSING_ALARM_67 (472)
Alm69.stVal	ST	DDB_ECARD_NOT_FITTED_ALARM_68 (473)
Alm69.q	ST	Other internal source.
Alm69.t	ST	Other internal source.
Alm69.d	DC	DDB_ECARD_NOT_FITTED_ALARM_68 (473)
Alm70.stVal	ST	DDB_NIC_NOT_RESPONDING_69 (474)
Alm70.q	ST	Other internal source.
Alm70.t	ST	Other internal source.
Alm70.d	DC	DDB_NIC_NOT_RESPONDING_69 (474)
Alm71.stVal	ST	DDB_NIC_FATAL_ERROR_70 (475)
Alm71.q	ST	Other internal source.
Alm71.t	ST	Other internal source.
Alm71.d	DC	DDB_NIC_FATAL_ERROR_70 (475)
Alm72.stVal	ST	DDB_NIC_SOFTWARE_RELOAD_71 (476)
Alm72.q	ST	Other internal source.
Alm72.t	ST	Other internal source.
Alm72.d	DC	DDB_NIC_SOFTWARE_RELOAD_71 (476)
Alm73.stVal	ST	DDB_INVALID_NIC_TCP_IP_CONFIG_72 (477)
Alm73.q	ST	Other internal source.
Alm73.t	ST	Other internal source.
Alm73.d	DC	DDB_INVALID_NIC_TCP_IP_CONFIG_72 (477)
Alm74.stVal	ST	DDB_INVALID_NIC_OSI_CONFIG_73 (478)
Alm74.q	ST	Other internal source.
Alm74.t	ST	Other internal source.
Alm74.d	DC	DDB_INVALID_NIC_OSI_CONFIG_73 (478)
Alm75.stVal	ST	DDB_NIC_LINK_FAIL_74 (479)
Alm75.q	ST	Other internal source.
Alm75.t	ST	Other internal source.
Alm75.d	DC	DDB_NIC_LINK_FAIL_74 (479)
Alm76.stVal	ST	DDB_SOFTWARE_MISMATCH_ALARM_75 (480)
Alm76.q	ST	Other internal source.
Alm76.t	ST	Other internal source.
Alm76.d	DC	DDB_SOFTWARE_MISMATCH_ALARM_75 (480)
Alm77.stVal	ST	DDB_NIC_IP_ADDRESS_CONFLICT_76 (481)
Alm77.q	ST	Other internal source.
Alm77.t	ST	Other internal source.
Alm77.d	DC	DDB_NIC_IP_ADDRESS_CONFLICT_76 (481)
Alm78.stVal	ST	DDB_INTERMICOM_LOOPBACK_ALARM_77 (482)
Alm78.q	ST	Other internal source.
Alm78.t	ST	Other internal source.
Alm78.d	DC	DDB_INTERMICOM_LOOPBACK_ALARM_77 (482)

Attribute	FC	Source
Alm79.stVal	ST	DDB_INTERMICOM_MESSAGE_ALARM_78 (483)
Alm79.q	ST	Other internal source.
Alm79.t	ST	Other internal source.
Alm79.d	DC	DDB_INTERMICOM_MESSAGE_ALARM_78 (483)
Alm80.stVal	ST	DDB_INTERMICOM_DCD_ALARM_79 (484)
Alm80.q	ST	Other internal source.
Alm80.t	ST	Other internal source.
Alm80.d	DC	DDB_INTERMICOM_DCD_ALARM_79 (484)
Alm81.stVal	ST	DDB_INTERMICOM_CHANNEL_ALARM_80 (485)
Alm81.q	ST	Other internal source.
Alm81.t	ST	Other internal source.
Alm81.d	DC	DDB_INTERMICOM_CHANNEL_ALARM_80 (485)
Alm82.stVal	ST	DDB_BACKUP_SETTING_ALARM_81 (486)
Alm82.q	ST	Other internal source.
Alm82.t	ST	Other internal source.
Alm82.d	DC	DDB_BACKUP_SETTING_ALARM_81 (486)
Alm83.stVal	ST	Other internal source.
Alm83.q	ST	Other internal source.
Alm83.t	ST	Other internal source.
Alm83.d	DC	Other internal source.
Alm84.stVal	ST	Other internal source.
Alm84.q	ST	Other internal source.
Alm84.t	ST	Other internal source.
Alm84.d	DC	Other internal source.
Alm85.stVal	ST	Other internal source.
Alm85.q	ST	Other internal source.
Alm85.t	ST	Other internal source.
Alm85.d	DC	Other internal source.
Alm86.stVal	ST	Other internal source.
Alm86.q	ST	Other internal source.
Alm86.t	ST	Other internal source.
Alm86.d	DC	Other internal source.
Alm87.stVal	ST	Other internal source.
Alm87.q	ST	Other internal source.
Alm87.t	ST	Other internal source.
Alm87.d	DC	Other internal source.
Alm88.stVal	ST	Other internal source.
Alm88.q	ST	Other internal source.
Alm88.t	ST	Other internal source.
Alm88.d	DC	Other internal source.
Alm89.stVal	ST	Other internal source.
Alm89.q	ST	Other internal source.
Alm89.t	ST	Other internal source.
Alm89.d	DC	Other internal source.
Alm90.stVal	ST	Other internal source.
Alm90.q	ST	Other internal source.
Alm90.t	ST	Other internal source.
Alm90.d	DC	Other internal source.
Alm91.stVal	ST	Other internal source.
Alm91.q	ST	Other internal source.
Alm91.t	ST	Other internal source.
Alm91.d	DC	Other internal source.
Alm92.stVal	ST	Other internal source.
Alm92.q	ST	Other internal source.
Alm92.t	ST	Other internal source.
Alm92.d	DC	Other internal source.
Alm93.stVal	ST	Other internal source.
Alm93.q	ST	Other internal source.
Alm93.t	ST	Other internal source.
Alm93.d	DC	Other internal source.
Alm94.stVal	ST	Other internal source.
Alm94.q	ST	Other internal source.
Alm94.t	ST	Other internal source.
Alm94.d	DC	Other internal source.
Alm95.stVal	ST	Other internal source.
Alm95.q	ST	Other internal source.
Alm95.t	ST	Other internal source.

Attribute	FC	Source
Alm95.d	DC	Other internal source.
Alm96.stVal	ST	Other internal source.
Alm96.q	ST	Other internal source.
Alm96.t	ST	Other internal source.
Alm96.d	DC	Other internal source.

1.4.2 Logical Node: CbfOrdGGIO1

Description: P740 : 50BF order from PU and opto

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	OPTO_TRIP_BF_BAR_1 (223)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind1.d	DC	Other internal source.
Ind2.stVal	ST	OPTO_TRIP_BF_BAR_2 (222)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind2.d	DC	Other internal source.
Ind3.stVal	ST	OPTO_TRIP_BF_BAR_3 (221)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind3.d	DC	Other internal source.
Ind4.stVal	ST	OPTO_TRIP_BF_BAR_4 (220)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind4.d	DC	Other internal source.
Ind5.stVal	ST	OPTO_TRIP_BF_BAR_5 (219)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind5.d	DC	Other internal source.
Ind6.stVal	ST	OPTO_TRIP_BF_BAR_6 (218)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind6.d	DC	Other internal source.
Ind7.stVal	ST	OPTO_TRIP_BF_BAR_7 (217)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind7.d	DC	Other internal source.
Ind8.stVal	ST	OPTO_TRIP_BF_BAR_8 (216)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind8.d	DC	Other internal source.
Ind9.stVal	ST	IEC61850_50BF_FROM_PU_Z1 (887)
Ind9.q	ST	Other internal source.
Ind9.t	ST	Other internal source.
Ind9.d	DC	Other internal source.
Ind10.stVal	ST	IEC61850_50BF_FROM_PU_Z2 (886)
Ind10.q	ST	Other internal source.
Ind10.t	ST	Other internal source.
Ind10.d	DC	Other internal source.
Ind11.stVal	ST	IEC61850_50BF_FROM_PU_Z3 (885)
Ind11.q	ST	Other internal source.
Ind11.t	ST	Other internal source.

Attribute	FC	Source
Ind11.d	DC	Other internal source.
Ind12.stVal	ST	IEC61850_50BF_FROM_PU_Z4 (884)
Ind12.q	ST	Other internal source.
Ind12.t	ST	Other internal source.
Ind12.d	DC	Other internal source.
Ind13.stVal	ST	IEC61850_50BF_FROM_PU_Z5 (883)
Ind13.q	ST	Other internal source.
Ind13.t	ST	Other internal source.
Ind13.d	DC	Other internal source.
Ind14.stVal	ST	IEC61850_50BF_FROM_PU_Z6 (882)
Ind14.q	ST	Other internal source.
Ind14.t	ST	Other internal source.
Ind14.d	DC	Other internal source.
Ind15.stVal	ST	IEC61850_50BF_FROM_PU_Z7 (881)
Ind15.q	ST	Other internal source.
Ind15.t	ST	Other internal source.
Ind15.d	DC	Other internal source.
Ind16.stVal	ST	IEC61850_50BF_FROM_PU_Z8 (880)
Ind16.q	ST	Other internal source.
Ind16.t	ST	Other internal source.
Ind16.d	DC	Other internal source.

1.4.3 Logical Node: FnkGGIO1

Description: Function Keys

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	DDB_FN_KEY_1 (676)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind1.d	DC	[17 04] - Fn Key 1 Label
Ind2.stVal	ST	DDB_FN_KEY_2 (677)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind2.d	DC	[17 07] - Fn Key 2 Label
Ind3.stVal	ST	DDB_FN_KEY_3 (678)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind3.d	DC	[17 0A] - Fn Key 3 Label
Ind4.stVal	ST	DDB_FN_KEY_4 (679)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind4.d	DC	[17 0D] - Fn Key 4 Label
Ind5.stVal	ST	DDB_FN_KEY_5 (680)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind5.d	DC	[17 10] - Fn Key 5 Label
Ind6.stVal	ST	DDB_FN_KEY_6 (681)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind6.d	DC	[17 13] - Fn Key 6 Label
Ind7.stVal	ST	DDB_FN_KEY_7 (682)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.

Attribute	FC	Source
Ind7.d	DC	[17 16] - Fn Key 7 Label
Ind8.stVal	ST	DDB_FN_KEY_8 (683)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind8.d	DC	[17 19] - Fn Key 8 Label
Ind9.stVal	ST	DDB_FN_KEY_9 (684)
Ind9.q	ST	Other internal source.
Ind9.t	ST	Other internal source.
Ind9.d	DC	[17 1C] - Fn Key 9 Label
Ind10.stVal	ST	DDB_FN_KEY_10 (685)
Ind10.q	ST	Other internal source.
Ind10.t	ST	Other internal source.
Ind10.d	DC	[17 1F] - Fn Key 10 Label

1.4.4 Logical Node: GosGGIO1

Description: GOOSE Input Signals

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	DDB_GOOSEIN_1 (1024)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind1.d	DC	DDB_GOOSEIN_1 (1024)
Ind2.stVal	ST	DDB_GOOSEIN_2 (1025)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind2.d	DC	DDB_GOOSEIN_2 (1025)
Ind3.stVal	ST	DDB_GOOSEIN_3 (1026)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind3.d	DC	DDB_GOOSEIN_3 (1026)
Ind4.stVal	ST	DDB_GOOSEIN_4 (1027)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind4.d	DC	DDB_GOOSEIN_4 (1027)
Ind5.stVal	ST	DDB_GOOSEIN_5 (1028)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind5.d	DC	DDB_GOOSEIN_5 (1028)
Ind6.stVal	ST	DDB_GOOSEIN_6 (1029)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind6.d	DC	DDB_GOOSEIN_6 (1029)
Ind7.stVal	ST	DDB_GOOSEIN_7 (1030)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind7.d	DC	DDB_GOOSEIN_7 (1030)
Ind8.stVal	ST	DDB_GOOSEIN_8 (1031)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind8.d	DC	DDB_GOOSEIN_8 (1031)
Ind9.stVal	ST	DDB_GOOSEIN_9 (1032)
Ind9.q	ST	Other internal source.
Ind9.t	ST	Other internal source.

Attribute	FC	Source
Ind9.d	DC	DDB_GOOSEIN_9 (1032)
Ind10.stVal	ST	DDB_GOOSEIN_10 (1033)
Ind10.q	ST	Other internal source.
Ind10.t	ST	Other internal source.
Ind10.d	DC	DDB_GOOSEIN_10 (1033)
Ind11.stVal	ST	DDB_GOOSEIN_11 (1034)
Ind11.q	ST	Other internal source.
Ind11.t	ST	Other internal source.
Ind11.d	DC	DDB_GOOSEIN_11 (1034)
Ind12.stVal	ST	DDB_GOOSEIN_12 (1035)
Ind12.q	ST	Other internal source.
Ind12.t	ST	Other internal source.
Ind12.d	DC	DDB_GOOSEIN_12 (1035)
Ind13.stVal	ST	DDB_GOOSEIN_13 (1036)
Ind13.q	ST	Other internal source.
Ind13.t	ST	Other internal source.
Ind13.d	DC	DDB_GOOSEIN_13 (1036)
Ind14.stVal	ST	DDB_GOOSEIN_14 (1037)
Ind14.q	ST	Other internal source.
Ind14.t	ST	Other internal source.
Ind14.d	DC	DDB_GOOSEIN_14 (1037)
Ind15.stVal	ST	DDB_GOOSEIN_15 (1038)
Ind15.q	ST	Other internal source.
Ind15.t	ST	Other internal source.
Ind15.d	DC	DDB_GOOSEIN_15 (1038)
Ind16.stVal	ST	DDB_GOOSEIN_16 (1039)
Ind16.q	ST	Other internal source.
Ind16.t	ST	Other internal source.
Ind16.d	DC	DDB_GOOSEIN_16 (1039)
Ind17.stVal	ST	DDB_GOOSEIN_17 (1040)
Ind17.q	ST	Other internal source.
Ind17.t	ST	Other internal source.
Ind17.d	DC	DDB_GOOSEIN_17 (1040)
Ind18.stVal	ST	DDB_GOOSEIN_18 (1041)
Ind18.q	ST	Other internal source.
Ind18.t	ST	Other internal source.
Ind18.d	DC	DDB_GOOSEIN_18 (1041)
Ind19.stVal	ST	DDB_GOOSEIN_19 (1042)
Ind19.q	ST	Other internal source.
Ind19.t	ST	Other internal source.
Ind19.d	DC	DDB_GOOSEIN_19 (1042)
Ind20.stVal	ST	DDB_GOOSEIN_20 (1043)
Ind20.q	ST	Other internal source.
Ind20.t	ST	Other internal source.
Ind20.d	DC	DDB_GOOSEIN_20 (1043)
Ind21.stVal	ST	DDB_GOOSEIN_21 (1044)
Ind21.q	ST	Other internal source.
Ind21.t	ST	Other internal source.
Ind21.d	DC	DDB_GOOSEIN_21 (1044)
Ind22.stVal	ST	DDB_GOOSEIN_22 (1045)
Ind22.q	ST	Other internal source.
Ind22.t	ST	Other internal source.
Ind22.d	DC	DDB_GOOSEIN_22 (1045)
Ind23.stVal	ST	DDB_GOOSEIN_23 (1046)
Ind23.q	ST	Other internal source.
Ind23.t	ST	Other internal source.
Ind23.d	DC	DDB_GOOSEIN_23 (1046)
Ind24.stVal	ST	DDB_GOOSEIN_24 (1047)
Ind24.q	ST	Other internal source.
Ind24.t	ST	Other internal source.
Ind24.d	DC	DDB_GOOSEIN_24 (1047)
Ind25.stVal	ST	DDB_GOOSEIN_25 (1048)
Ind25.q	ST	Other internal source.
Ind25.t	ST	Other internal source.
Ind25.d	DC	DDB_GOOSEIN_25 (1048)
Ind26.stVal	ST	DDB_GOOSEIN_26 (1049)
Ind26.q	ST	Other internal source.

Attribute	FC	Source
Ind26.t	ST	Other internal source.
Ind26.d	DC	DDB_GOOSEIN_26 (1049)
Ind27.stVal	ST	DDB_GOOSEIN_27 (1050)
Ind27.q	ST	Other internal source.
Ind27.t	ST	Other internal source.
Ind27.d	DC	DDB_GOOSEIN_27 (1050)
Ind28.stVal	ST	DDB_GOOSEIN_28 (1051)
Ind28.q	ST	Other internal source.
Ind28.t	ST	Other internal source.
Ind28.d	DC	DDB_GOOSEIN_28 (1051)
Ind29.stVal	ST	DDB_GOOSEIN_29 (1052)
Ind29.q	ST	Other internal source.
Ind29.t	ST	Other internal source.
Ind29.d	DC	DDB_GOOSEIN_29 (1052)
Ind30.stVal	ST	DDB_GOOSEIN_30 (1053)
Ind30.q	ST	Other internal source.
Ind30.t	ST	Other internal source.
Ind30.d	DC	DDB_GOOSEIN_30 (1053)
Ind31.stVal	ST	DDB_GOOSEIN_31 (1054)
Ind31.q	ST	Other internal source.
Ind31.t	ST	Other internal source.
Ind31.d	DC	DDB_GOOSEIN_31 (1054)
Ind32.stVal	ST	DDB_GOOSEIN_32 (1055)
Ind32.q	ST	Other internal source.
Ind32.t	ST	Other internal source.
Ind32.d	DC	DDB_GOOSEIN_32 (1055)
Ind33.stVal	ST	DDB_GOOSEIN_33 (1056)
Ind33.q	ST	Other internal source.
Ind33.t	ST	Other internal source.
Ind33.d	DC	DDB_GOOSEIN_33 (1056)
Ind34.stVal	ST	DDB_GOOSEIN_34 (1057)
Ind34.q	ST	Other internal source.
Ind34.t	ST	Other internal source.
Ind34.d	DC	DDB_GOOSEIN_34 (1057)
Ind35.stVal	ST	DDB_GOOSEIN_35 (1058)
Ind35.q	ST	Other internal source.
Ind35.t	ST	Other internal source.
Ind35.d	DC	DDB_GOOSEIN_35 (1058)
Ind36.stVal	ST	DDB_GOOSEIN_36 (1059)
Ind36.q	ST	Other internal source.
Ind36.t	ST	Other internal source.
Ind36.d	DC	DDB_GOOSEIN_36 (1059)
Ind37.stVal	ST	DDB_GOOSEIN_37 (1060)
Ind37.q	ST	Other internal source.
Ind37.t	ST	Other internal source.
Ind37.d	DC	DDB_GOOSEIN_37 (1060)
Ind38.stVal	ST	DDB_GOOSEIN_38 (1061)
Ind38.q	ST	Other internal source.
Ind38.t	ST	Other internal source.
Ind38.d	DC	DDB_GOOSEIN_38 (1061)
Ind39.stVal	ST	DDB_GOOSEIN_39 (1062)
Ind39.q	ST	Other internal source.
Ind39.t	ST	Other internal source.
Ind39.d	DC	DDB_GOOSEIN_39 (1062)
Ind40.stVal	ST	DDB_GOOSEIN_40 (1063)
Ind40.q	ST	Other internal source.
Ind40.t	ST	Other internal source.
Ind40.d	DC	DDB_GOOSEIN_40 (1063)
Ind41.stVal	ST	DDB_GOOSEIN_41 (1064)
Ind41.q	ST	Other internal source.
Ind41.t	ST	Other internal source.
Ind41.d	DC	DDB_GOOSEIN_41 (1064)
Ind42.stVal	ST	DDB_GOOSEIN_42 (1065)
Ind42.q	ST	Other internal source.
Ind42.t	ST	Other internal source.
Ind42.d	DC	DDB_GOOSEIN_42 (1065)
Ind43.stVal	ST	DDB_GOOSEIN_43 (1066)

Attribute	FC	Source
Ind43.q	ST	Other internal source.
Ind43.t	ST	Other internal source.
Ind43.d	DC	DDB_GOOSEIN_43 (1066)
Ind44.stVal	ST	DDB_GOOSEIN_44 (1067)
Ind44.q	ST	Other internal source.
Ind44.t	ST	Other internal source.
Ind44.d	DC	DDB_GOOSEIN_44 (1067)
Ind45.stVal	ST	DDB_GOOSEIN_45 (1068)
Ind45.q	ST	Other internal source.
Ind45.t	ST	Other internal source.
Ind45.d	DC	DDB_GOOSEIN_45 (1068)
Ind46.stVal	ST	DDB_GOOSEIN_46 (1069)
Ind46.q	ST	Other internal source.
Ind46.t	ST	Other internal source.
Ind46.d	DC	DDB_GOOSEIN_46 (1069)
Ind47.stVal	ST	DDB_GOOSEIN_47 (1070)
Ind47.q	ST	Other internal source.
Ind47.t	ST	Other internal source.
Ind47.d	DC	DDB_GOOSEIN_47 (1070)
Ind48.stVal	ST	DDB_GOOSEIN_48 (1071)
Ind48.q	ST	Other internal source.
Ind48.t	ST	Other internal source.
Ind48.d	DC	DDB_GOOSEIN_48 (1071)
Ind49.stVal	ST	DDB_GOOSEIN_49 (1072)
Ind49.q	ST	Other internal source.
Ind49.t	ST	Other internal source.
Ind49.d	DC	DDB_GOOSEIN_49 (1072)
Ind50.stVal	ST	DDB_GOOSEIN_50 (1073)
Ind50.q	ST	Other internal source.
Ind50.t	ST	Other internal source.
Ind50.d	DC	DDB_GOOSEIN_50 (1073)
Ind51.stVal	ST	DDB_GOOSEIN_51 (1074)
Ind51.q	ST	Other internal source.
Ind51.t	ST	Other internal source.
Ind51.d	DC	DDB_GOOSEIN_51 (1074)
Ind52.stVal	ST	DDB_GOOSEIN_52 (1075)
Ind52.q	ST	Other internal source.
Ind52.t	ST	Other internal source.
Ind52.d	DC	DDB_GOOSEIN_52 (1075)
Ind53.stVal	ST	DDB_GOOSEIN_53 (1076)
Ind53.q	ST	Other internal source.
Ind53.t	ST	Other internal source.
Ind53.d	DC	DDB_GOOSEIN_53 (1076)
Ind54.stVal	ST	DDB_GOOSEIN_54 (1077)
Ind54.q	ST	Other internal source.
Ind54.t	ST	Other internal source.
Ind54.d	DC	DDB_GOOSEIN_54 (1077)
Ind55.stVal	ST	DDB_GOOSEIN_55 (1078)
Ind55.q	ST	Other internal source.
Ind55.t	ST	Other internal source.
Ind55.d	DC	DDB_GOOSEIN_55 (1078)
Ind56.stVal	ST	DDB_GOOSEIN_56 (1079)
Ind56.q	ST	Other internal source.
Ind56.t	ST	Other internal source.
Ind56.d	DC	DDB_GOOSEIN_56 (1079)
Ind57.stVal	ST	DDB_GOOSEIN_57 (1080)
Ind57.q	ST	Other internal source.
Ind57.t	ST	Other internal source.
Ind57.d	DC	DDB_GOOSEIN_57 (1080)
Ind58.stVal	ST	DDB_GOOSEIN_58 (1081)
Ind58.q	ST	Other internal source.
Ind58.t	ST	Other internal source.
Ind58.d	DC	DDB_GOOSEIN_58 (1081)
Ind59.stVal	ST	DDB_GOOSEIN_59 (1082)
Ind59.q	ST	Other internal source.
Ind59.t	ST	Other internal source.
Ind59.d	DC	DDB_GOOSEIN_59 (1082)

Attribute	FC	Source
Ind60.stVal	ST	DDB_GOOSEIN_60 (1083)
Ind60.q	ST	Other internal source.
Ind60.t	ST	Other internal source.
Ind60.d	DC	DDB_GOOSEIN_60 (1083)
Ind61.stVal	ST	DDB_GOOSEIN_61 (1084)
Ind61.q	ST	Other internal source.
Ind61.t	ST	Other internal source.
Ind61.d	DC	DDB_GOOSEIN_61 (1084)
Ind62.stVal	ST	DDB_GOOSEIN_62 (1085)
Ind62.q	ST	Other internal source.
Ind62.t	ST	Other internal source.
Ind62.d	DC	DDB_GOOSEIN_62 (1085)
Ind63.stVal	ST	DDB_GOOSEIN_63 (1086)
Ind63.q	ST	Other internal source.
Ind63.t	ST	Other internal source.
Ind63.d	DC	DDB_GOOSEIN_63 (1086)
Ind64.stVal	ST	DDB_GOOSEIN_64 (1087)
Ind64.q	ST	Other internal source.
Ind64.t	ST	Other internal source.
Ind64.d	DC	DDB_GOOSEIN_64 (1087)

1.4.5 Logical Node: GosGGIO2

Description: GOOSE Output Signals

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	DDB_GOOSEOUT_1 (512)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind1.d	DC	DDB_GOOSEOUT_1 (512)
Ind2.stVal	ST	DDB_GOOSEOUT_2 (513)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind2.d	DC	DDB_GOOSEOUT_2 (513)
Ind3.stVal	ST	DDB_GOOSEOUT_3 (514)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind3.d	DC	DDB_GOOSEOUT_3 (514)
Ind4.stVal	ST	DDB_GOOSEOUT_4 (515)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind4.d	DC	DDB_GOOSEOUT_4 (515)
Ind5.stVal	ST	DDB_GOOSEOUT_5 (516)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind5.d	DC	DDB_GOOSEOUT_5 (516)
Ind6.stVal	ST	DDB_GOOSEOUT_6 (517)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind6.d	DC	DDB_GOOSEOUT_6 (517)
Ind7.stVal	ST	DDB_GOOSEOUT_7 (518)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind7.d	DC	DDB_GOOSEOUT_7 (518)

Attribute	FC	Source
Ind8.stVal	ST	DDB_GOOSEOUT_8 (519)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind8.d	DC	DDB_GOOSEOUT_8 (519)
Ind9.stVal	ST	DDB_GOOSEOUT_9 (520)
Ind9.q	ST	Other internal source.
Ind9.t	ST	Other internal source.
Ind9.d	DC	DDB_GOOSEOUT_9 (520)
Ind10.stVal	ST	DDB_GOOSEOUT_10 (521)
Ind10.q	ST	Other internal source.
Ind10.t	ST	Other internal source.
Ind10.d	DC	DDB_GOOSEOUT_10 (521)
Ind11.stVal	ST	DDB_GOOSEOUT_11 (522)
Ind11.q	ST	Other internal source.
Ind11.t	ST	Other internal source.
Ind11.d	DC	DDB_GOOSEOUT_11 (522)
Ind12.stVal	ST	DDB_GOOSEOUT_12 (523)
Ind12.q	ST	Other internal source.
Ind12.t	ST	Other internal source.
Ind12.d	DC	DDB_GOOSEOUT_12 (523)
Ind13.stVal	ST	DDB_GOOSEOUT_13 (524)
Ind13.q	ST	Other internal source.
Ind13.t	ST	Other internal source.
Ind13.d	DC	DDB_GOOSEOUT_13 (524)
Ind14.stVal	ST	DDB_GOOSEOUT_14 (525)
Ind14.q	ST	Other internal source.
Ind14.t	ST	Other internal source.
Ind14.d	DC	DDB_GOOSEOUT_14 (525)
Ind15.stVal	ST	DDB_GOOSEOUT_15 (526)
Ind15.q	ST	Other internal source.
Ind15.t	ST	Other internal source.
Ind15.d	DC	DDB_GOOSEOUT_15 (526)
Ind16.stVal	ST	DDB_GOOSEOUT_16 (527)
Ind16.q	ST	Other internal source.
Ind16.t	ST	Other internal source.
Ind16.d	DC	DDB_GOOSEOUT_16 (527)
Ind17.stVal	ST	DDB_GOOSEOUT_17 (528)
Ind17.q	ST	Other internal source.
Ind17.t	ST	Other internal source.
Ind17.d	DC	DDB_GOOSEOUT_17 (528)
Ind18.stVal	ST	DDB_GOOSEOUT_18 (529)
Ind18.q	ST	Other internal source.
Ind18.t	ST	Other internal source.
Ind18.d	DC	DDB_GOOSEOUT_18 (529)
Ind19.stVal	ST	DDB_GOOSEOUT_19 (530)
Ind19.q	ST	Other internal source.
Ind19.t	ST	Other internal source.
Ind19.d	DC	DDB_GOOSEOUT_19 (530)
Ind20.stVal	ST	DDB_GOOSEOUT_20 (531)
Ind20.q	ST	Other internal source.
Ind20.t	ST	Other internal source.
Ind20.d	DC	DDB_GOOSEOUT_20 (531)
Ind21.stVal	ST	DDB_GOOSEOUT_21 (532)
Ind21.q	ST	Other internal source.
Ind21.t	ST	Other internal source.
Ind21.d	DC	DDB_GOOSEOUT_21 (532)
Ind22.stVal	ST	DDB_GOOSEOUT_22 (533)
Ind22.q	ST	Other internal source.
Ind22.t	ST	Other internal source.
Ind22.d	DC	DDB_GOOSEOUT_22 (533)
Ind23.stVal	ST	DDB_GOOSEOUT_23 (534)
Ind23.q	ST	Other internal source.
Ind23.t	ST	Other internal source.
Ind23.d	DC	DDB_GOOSEOUT_23 (534)
Ind24.stVal	ST	DDB_GOOSEOUT_24 (535)
Ind24.q	ST	Other internal source.
Ind24.t	ST	Other internal source.

Attribute	FC	Source
Ind24.d	DC	DDB_GOOSEOUT_24 (535)
Ind25.stVal	ST	DDB_GOOSEOUT_25 (536)
Ind25.q	ST	Other internal source.
Ind25.t	ST	Other internal source.
Ind25.d	DC	DDB_GOOSEOUT_25 (536)
Ind26.stVal	ST	DDB_GOOSEOUT_26 (537)
Ind26.q	ST	Other internal source.
Ind26.t	ST	Other internal source.
Ind26.d	DC	DDB_GOOSEOUT_26 (537)
Ind27.stVal	ST	DDB_GOOSEOUT_27 (538)
Ind27.q	ST	Other internal source.
Ind27.t	ST	Other internal source.
Ind27.d	DC	DDB_GOOSEOUT_27 (538)
Ind28.stVal	ST	DDB_GOOSEOUT_28 (539)
Ind28.q	ST	Other internal source.
Ind28.t	ST	Other internal source.
Ind28.d	DC	DDB_GOOSEOUT_28 (539)
Ind29.stVal	ST	DDB_GOOSEOUT_29 (540)
Ind29.q	ST	Other internal source.
Ind29.t	ST	Other internal source.
Ind29.d	DC	DDB_GOOSEOUT_29 (540)
Ind30.stVal	ST	DDB_GOOSEOUT_30 (541)
Ind30.q	ST	Other internal source.
Ind30.t	ST	Other internal source.
Ind30.d	DC	DDB_GOOSEOUT_30 (541)
Ind31.stVal	ST	DDB_GOOSEOUT_31 (542)
Ind31.q	ST	Other internal source.
Ind31.t	ST	Other internal source.
Ind31.d	DC	DDB_GOOSEOUT_31 (542)
Ind32.stVal	ST	DDB_GOOSEOUT_32 (543)
Ind32.q	ST	Other internal source.
Ind32.t	ST	Other internal source.
Ind32.d	DC	DDB_GOOSEOUT_32 (543)

1.4.6 Logical Node: LckCbfGGIO1

Description: Breaker Failure protection locked on the CU for each zone

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPIt.vendor	DC	Other internal source.
NamPIt.swRev	DC	[00 11] - Software Ref. 1
NamPIt.d	DC	Other internal source.
Ind1.stVal	ST	CONSIGNATION_LEVEL_2_BAR_1 (255)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind2.stVal	ST	CONSIGNATION_LEVEL_2_BAR_2 (254)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind3.stVal	ST	CONSIGNATION_LEVEL_2_BAR_3 (253)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind4.stVal	ST	CONSIGNATION_LEVEL_2_BAR_4 (252)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind5.stVal	ST	CONSIGNATION_LEVEL_2_BAR_5 (251)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.

Attribute	FC	Source
Ind6.stVal	ST	CONSIGNATION_LEVEL_2_BAR_6 (250)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind7.stVal	ST	CONSIGNATION_LEVEL_2_BAR_7 (249)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind8.stVal	ST	CONSIGNATION_LEVEL_2_BAR_8 (248)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.

1.4.7 Logical Node: LckDifGGIO1

Description: 87BB differential protection locked for each zone

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	Other internal source.
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind2.stVal	ST	Other internal source.
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind3.stVal	ST	Other internal source.
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind4.stVal	ST	Other internal source.
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind5.stVal	ST	Other internal source.
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind6.stVal	ST	Other internal source.
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind7.stVal	ST	Other internal source.
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind8.stVal	ST	Other internal source.
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.

1.4.8 Logical Node: LckNeuGGIO1

Description: Ext. Blocking of the 87BB earth fault protection

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.

Attribute	FC	Source
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	OPTO_SEF_BLOCKING_BAR_1 (215)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind1.d	DC	OPTO_SEF_BLOCKING_BAR_1 (215)
Ind2.stVal	ST	OPTO_SEF_BLOCKING_BAR_2 (214)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind2.d	DC	OPTO_SEF_BLOCKING_BAR_2 (214)
Ind3.stVal	ST	OPTO_SEF_BLOCKING_BAR_3 (213)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind3.d	DC	OPTO_SEF_BLOCKING_BAR_3 (213)
Ind4.stVal	ST	OPTO_SEF_BLOCKING_BAR_4 (212)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind4.d	DC	OPTO_SEF_BLOCKING_BAR_4 (212)
Ind5.stVal	ST	OPTO_SEF_BLOCKING_BAR_5 (211)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind5.d	DC	OPTO_SEF_BLOCKING_BAR_5 (211)
Ind6.stVal	ST	OPTO_SEF_BLOCKING_BAR_6 (210)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind6.d	DC	OPTO_SEF_BLOCKING_BAR_6 (210)
Ind7.stVal	ST	OPTO_SEF_BLOCKING_BAR_7 (209)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind7.d	DC	OPTO_SEF_BLOCKING_BAR_7 (209)
Ind8.stVal	ST	OPTO_SEF_BLOCKING_BAR_8 (208)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind8.d	DC	OPTO_SEF_BLOCKING_BAR_8 (208)

1.4.9 Logical Node: LckPhsGGIO1

Description: Ext. Blocking of the 87BB phase protection

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctilModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	INP_BLOCK_3PH_Z1 (407)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind1.d	DC	INP_BLOCK_3PH_Z1 (407)
Ind2.stVal	ST	INP_BLOCK_3PH_Z2 (406)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind2.d	DC	INP_BLOCK_3PH_Z2 (406)
Ind3.stVal	ST	INP_BLOCK_3PH_Z3 (405)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind3.d	DC	INP_BLOCK_3PH_Z3 (405)

Attribute	FC	Source
Ind4.stVal	ST	INP_BLOCK_3PH_Z4 (404)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind4.d	DC	INP_BLOCK_3PH_Z4 (404)
Ind5.stVal	ST	INP_BLOCK_3PH_Z5 (403)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind5.d	DC	INP_BLOCK_3PH_Z5 (403)
Ind6.stVal	ST	INP_BLOCK_3PH_Z6 (402)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind6.d	DC	INP_BLOCK_3PH_Z6 (402)
Ind7.stVal	ST	INP_BLOCK_3PH_Z7 (401)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind7.d	DC	INP_BLOCK_3PH_Z7 (401)
Ind8.stVal	ST	INP_BLOCK_3PH_Z8 (400)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind8.d	DC	INP_BLOCK_3PH_Z8 (400)

1.4.10 Logical Node: LedGGIO1

Description: Red LED Signals

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	DDB_OUTPUT_TRI_LED_1_RED (640)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind1.d	DC	DDB_OUTPUT_TRI_LED_1_RED (640)
Ind2.stVal	ST	DDB_OUTPUT_TRI_LED_2_RED (642)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind2.d	DC	DDB_OUTPUT_TRI_LED_2_RED (642)
Ind3.stVal	ST	DDB_OUTPUT_TRI_LED_3_RED (644)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind3.d	DC	DDB_OUTPUT_TRI_LED_3_RED (644)
Ind4.stVal	ST	DDB_OUTPUT_TRI_LED_4_RED (646)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind4.d	DC	DDB_OUTPUT_TRI_LED_4_RED (646)
Ind5.stVal	ST	DDB_OUTPUT_TRI_LED_5_RED (648)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind5.d	DC	DDB_OUTPUT_TRI_LED_5_RED (648)
Ind6.stVal	ST	DDB_OUTPUT_TRI_LED_6_RED (650)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind6.d	DC	DDB_OUTPUT_TRI_LED_6_RED (650)
Ind7.stVal	ST	DDB_OUTPUT_TRI_LED_7_RED (652)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind7.d	DC	DDB_OUTPUT_TRI_LED_7_RED (652)

Attribute	FC	Source
Ind8.stVal	ST	DDB_OUTPUT_TRI_LED_8_RED (654)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind8.d	DC	DDB_OUTPUT_TRI_LED_8_RED (654)
Ind9.stVal	ST	DDB_OUTPUT_TRI_LED_9_RED (656)
Ind9.q	ST	Other internal source.
Ind9.t	ST	Other internal source.
Ind9.d	DC	DDB_OUTPUT_TRI_LED_9_RED (656)
Ind10.stVal	ST	DDB_OUTPUT_TRI_LED_10_RED (658)
Ind10.q	ST	Other internal source.
Ind10.t	ST	Other internal source.
Ind10.d	DC	DDB_OUTPUT_TRI_LED_10_RED (658)
Ind11.stVal	ST	DDB_OUTPUT_TRI_LED_11_RED (660)
Ind11.q	ST	Other internal source.
Ind11.t	ST	Other internal source.
Ind11.d	DC	DDB_OUTPUT_TRI_LED_11_RED (660)
Ind12.stVal	ST	DDB_OUTPUT_TRI_LED_12_RED (662)
Ind12.q	ST	Other internal source.
Ind12.t	ST	Other internal source.
Ind12.d	DC	DDB_OUTPUT_TRI_LED_12_RED (662)
Ind13.stVal	ST	DDB_OUTPUT_TRI_LED_13_RED (664)
Ind13.q	ST	Other internal source.
Ind13.t	ST	Other internal source.
Ind13.d	DC	DDB_OUTPUT_TRI_LED_13_RED (664)
Ind14.stVal	ST	DDB_OUTPUT_TRI_LED_14_RED (666)
Ind14.q	ST	Other internal source.
Ind14.t	ST	Other internal source.
Ind14.d	DC	DDB_OUTPUT_TRI_LED_14_RED (666)
Ind15.stVal	ST	DDB_OUTPUT_TRI_LED_15_RED (668)
Ind15.q	ST	Other internal source.
Ind15.t	ST	Other internal source.
Ind15.d	DC	DDB_OUTPUT_TRI_LED_15_RED (668)
Ind16.stVal	ST	DDB_OUTPUT_TRI_LED_16_RED (670)
Ind16.q	ST	Other internal source.
Ind16.t	ST	Other internal source.
Ind16.d	DC	DDB_OUTPUT_TRI_LED_16_RED (670)
Ind17.stVal	ST	DDB_OUTPUT_TRI_LED_17_RED (672)
Ind17.q	ST	Other internal source.
Ind17.t	ST	Other internal source.
Ind17.d	DC	DDB_OUTPUT_TRI_LED_17_RED (672)
Ind18.stVal	ST	DDB_OUTPUT_TRI_LED_18_RED (674)
Ind18.q	ST	Other internal source.
Ind18.t	ST	Other internal source.
Ind18.d	DC	DDB_OUTPUT_TRI_LED_18_RED (674)

1.4.11 Logical Node: LedGGIO2

Description: Green LED Signals

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	DDB_OUTPUT_TRI_LED_1_GRN (641)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind1.d	DC	DDB_OUTPUT_TRI_LED_1_GRN (641)
Ind2.stVal	ST	DDB_OUTPUT_TRI_LED_2_GRN (643)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind2.d	DC	DDB_OUTPUT_TRI_LED_2_GRN (643)
Ind3.stVal	ST	DDB_OUTPUT_TRI_LED_3_GRN (645)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind3.d	DC	DDB_OUTPUT_TRI_LED_3_GRN (645)
Ind4.stVal	ST	DDB_OUTPUT_TRI_LED_4_GRN (647)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind4.d	DC	DDB_OUTPUT_TRI_LED_4_GRN (647)
Ind5.stVal	ST	DDB_OUTPUT_TRI_LED_5_GRN (649)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind5.d	DC	DDB_OUTPUT_TRI_LED_5_GRN (649)
Ind6.stVal	ST	DDB_OUTPUT_TRI_LED_6_GRN (651)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind6.d	DC	DDB_OUTPUT_TRI_LED_6_GRN (651)
Ind7.stVal	ST	DDB_OUTPUT_TRI_LED_7_GRN (653)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind7.d	DC	DDB_OUTPUT_TRI_LED_7_GRN (653)
Ind8.stVal	ST	DDB_OUTPUT_TRI_LED_8_GRN (655)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind8.d	DC	DDB_OUTPUT_TRI_LED_8_GRN (655)
Ind9.stVal	ST	DDB_OUTPUT_TRI_LED_9_GRN (657)
Ind9.q	ST	Other internal source.
Ind9.t	ST	Other internal source.
Ind9.d	DC	DDB_OUTPUT_TRI_LED_9_GRN (657)
Ind10.stVal	ST	DDB_OUTPUT_TRI_LED_10_GRN (659)
Ind10.q	ST	Other internal source.
Ind10.t	ST	Other internal source.
Ind10.d	DC	DDB_OUTPUT_TRI_LED_10_GRN (659)
Ind11.stVal	ST	DDB_OUTPUT_TRI_LED_11_GRN (661)
Ind11.q	ST	Other internal source.
Ind11.t	ST	Other internal source.
Ind11.d	DC	DDB_OUTPUT_TRI_LED_11_GRN (661)
Ind12.stVal	ST	DDB_OUTPUT_TRI_LED_12_GRN (663)
Ind12.q	ST	Other internal source.
Ind12.t	ST	Other internal source.
Ind12.d	DC	DDB_OUTPUT_TRI_LED_12_GRN (663)
Ind13.stVal	ST	DDB_OUTPUT_TRI_LED_13_GRN (665)

Attribute	FC	Source
Ind13.q	ST	Other internal source.
Ind13.t	ST	Other internal source.
Ind13.d	DC	DDB_OUTPUT_TRI_LED_13_GRN (665)
Ind14.stVal	ST	DDB_OUTPUT_TRI_LED_14_GRN (667)
Ind14.q	ST	Other internal source.
Ind14.t	ST	Other internal source.
Ind14.d	DC	DDB_OUTPUT_TRI_LED_14_GRN (667)
Ind15.stVal	ST	DDB_OUTPUT_TRI_LED_15_GRN (669)
Ind15.q	ST	Other internal source.
Ind15.t	ST	Other internal source.
Ind15.d	DC	DDB_OUTPUT_TRI_LED_15_GRN (669)
Ind16.stVal	ST	DDB_OUTPUT_TRI_LED_16_GRN (671)
Ind16.q	ST	Other internal source.
Ind16.t	ST	Other internal source.
Ind16.d	DC	DDB_OUTPUT_TRI_LED_16_GRN (671)
Ind17.stVal	ST	DDB_OUTPUT_TRI_LED_17_GRN (673)
Ind17.q	ST	Other internal source.
Ind17.t	ST	Other internal source.
Ind17.d	DC	DDB_OUTPUT_TRI_LED_17_GRN (673)
Ind18.stVal	ST	DDB_OUTPUT_TRI_LED_18_GRN (675)
Ind18.q	ST	Other internal source.
Ind18.t	ST	Other internal source.
Ind18.d	DC	DDB_OUTPUT_TRI_LED_18_GRN (675)

1.4.12 Logical Node: LLN0

Description: System Logical Device (with Ordrun)

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPit.vendor	DC	Other internal source.
NamPit.swRev	DC	[00 11] - Software Ref. 1
NamPit.d	DC	Other internal source.
NamPit.configRev	DC	Other internal source.
NamPit.IdNs	EX	Other internal source.
LEDRs.ctlVal	CO	[01 FF] - Reset Indication
LEDRs.origin.orCat	ST	Other internal source.
LEDRs.origin.orIdent	ST	Other internal source.
LEDRs.stVal	ST	[01 FF] - Reset Indication
LEDRs.q	ST	Other internal source.
LEDRs.t	ST	Other internal source.
LEDRs.ctlModel	CF	Other internal source.
LEDRs.sboTimeout	CF	Other internal source.
OrdRun.stVal	ST	Other internal source.
OrdRun.q	ST	Other internal source.
OrdRun.t	ST	Other internal source.
OrdRun.dataNs	EX	Other internal source.
SyncSt.stVal	ST	Other internal source.
SyncSt.q	ST	Other internal source.
SyncSt.t	ST	Other internal source.
SyncSt.dataNs	EX	Other internal source.

1.4.13 Logical Node: LPHD1

Description: Physical Device Information

Attribute	FC	Source
PhyNam.vendor	DC	Other internal source.
PhyNam.hwRev	DC	Other internal source.
PhyNam.swRev	DC	[00 11] - Software Ref. 1
PhyNam.serNum	DC	[00 08] - Serial Number
PhyNam.model	DC	[00 06] - Model Number
PhyNam.location	DC	[00 05] - Plant Reference
PhyHealth.stVal	ST	Other internal source.
PhyHealth.q	ST	Other internal source.
PhyHealth.t	ST	Other internal source.
Proxy.stVal	ST	Other internal source.
Proxy.q	ST	Other internal source.
Proxy.t	ST	Other internal source.
Proxy.d	DC	Other internal source.
PwrUp.stVal	ST	Other internal source.
PwrUp.q	ST	Other internal source.
PwrUp.t	ST	Other internal source.
PwrUp.d	DC	Other internal source.

1.4.14 Logical Node: OptGGIO1

Description: P740 : Opto Inputs CU

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[00 20] - Opto I/P Status
Ind1.stVal	ST	DDB_OPTO_ISOLATOR_1 (64)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind1.d	DC	[4A 01] - Opto Input 1
Ind2.stVal	ST	DDB_OPTO_ISOLATOR_2 (65)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind2.d	DC	[4A 02] - Opto Input 2
Ind3.stVal	ST	DDB_OPTO_ISOLATOR_3 (66)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind3.d	DC	[4A 03] - Opto Input 3
Ind4.stVal	ST	DDB_OPTO_ISOLATOR_4 (67)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind4.d	DC	[4A 04] - Opto Input 4
Ind5.stVal	ST	DDB_OPTO_ISOLATOR_5 (68)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind5.d	DC	[4A 05] - Opto Input 5
Ind6.stVal	ST	DDB_OPTO_ISOLATOR_6 (69)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind6.d	DC	[4A 06] - Opto Input 6
Ind7.stVal	ST	DDB_OPTO_ISOLATOR_7 (70)
Ind7.q	ST	Other internal source.

Attribute	FC	Source
Ind7.t	ST	Other internal source.
Ind7.d	DC	[4A 07] - Opto Input 7
Ind8.stVal	ST	DDB_OPTO_ISOLATOR_8 (71)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind8.d	DC	[4A 08] - Opto Input 8

1.4.15 Logical Node: OptVirGGIO1

Description: P740 : virtual opto

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	VIRTUAL_TS_1 (368)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind2.stVal	ST	VIRTUAL_TS_2 (369)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind3.stVal	ST	VIRTUAL_TS_3 (370)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind4.stVal	ST	VIRTUAL_TS_4 (371)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind5.stVal	ST	VIRTUAL_TS_5 (372)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind6.stVal	ST	VIRTUAL_TS_6 (373)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind7.stVal	ST	VIRTUAL_TS_7 (374)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind8.stVal	ST	VIRTUAL_TS_8 (375)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind9.stVal	ST	VIRTUAL_TS_9 (376)
Ind9.q	ST	Other internal source.
Ind9.t	ST	Other internal source.
Ind10.stVal	ST	VIRTUAL_TS_10 (377)
Ind10.q	ST	Other internal source.
Ind10.t	ST	Other internal source.
Ind11.stVal	ST	VIRTUAL_TS_11 (378)
Ind11.q	ST	Other internal source.
Ind11.t	ST	Other internal source.
Ind12.stVal	ST	VIRTUAL_TS_12 (379)
Ind12.q	ST	Other internal source.
Ind12.t	ST	Other internal source.
Ind13.stVal	ST	VIRTUAL_TS_13 (380)
Ind13.q	ST	Other internal source.
Ind13.t	ST	Other internal source.
Ind14.stVal	ST	VIRTUAL_TS_14 (381)
Ind14.q	ST	Other internal source.
Ind14.t	ST	Other internal source.

Attribute	FC	Source
Ind15.stVal	ST	VIRTUAL_TS_15 (382)
Ind15.q	ST	Other internal source.
Ind15.t	ST	Other internal source.
Ind16.stVal	ST	VIRTUAL_TS_16 (383)
Ind16.q	ST	Other internal source.
Ind16.t	ST	Other internal source.

1.4.16 Logical Node: OrdRunGGIO1

Description: Uniqueness of control "Order Running" indications for Control operations

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	Other internal source.
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind1.d	DC	Other internal source.
Ind2.stVal	ST	Other internal source.
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind2.d	DC	Other internal source.
Ind3.stVal	ST	Other internal source.
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind3.d	DC	Other internal source.
Ind4.stVal	ST	Other internal source.
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind4.d	DC	Other internal source.
Ind5.stVal	ST	Other internal source.
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind5.d	DC	Other internal source.
Ind6.stVal	ST	Other internal source.
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind6.d	DC	Other internal source.
Ind7.stVal	ST	Other internal source.
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind7.d	DC	Other internal source.
Ind8.stVal	ST	Other internal source.
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind8.d	DC	Other internal source.
Ind9.stVal	ST	Other internal source.
Ind9.q	ST	Other internal source.
Ind9.t	ST	Other internal source.
Ind9.d	DC	Other internal source.
Ind10.stVal	ST	Other internal source.
Ind10.q	ST	Other internal source.
Ind10.t	ST	Other internal source.
Ind10.d	DC	Other internal source.
Ind11.stVal	ST	Other internal source.
Ind11.q	ST	Other internal source.

Attribute	FC	Source
Ind11.t	ST	Other internal source.
Ind11.d	DC	Other internal source.
Ind12.stVal	ST	Other internal source.
Ind12.q	ST	Other internal source.
Ind12.t	ST	Other internal source.
Ind12.d	DC	Other internal source.
Ind13.stVal	ST	Other internal source.
Ind13.q	ST	Other internal source.
Ind13.t	ST	Other internal source.
Ind13.d	DC	Other internal source.
Ind14.stVal	ST	Other internal source.
Ind14.q	ST	Other internal source.
Ind14.t	ST	Other internal source.
Ind14.d	DC	Other internal source.
Ind15.stVal	ST	Other internal source.
Ind15.q	ST	Other internal source.
Ind15.t	ST	Other internal source.
Ind15.d	DC	Other internal source.
Ind16.stVal	ST	Other internal source.
Ind16.q	ST	Other internal source.
Ind16.t	ST	Other internal source.
Ind16.d	DC	Other internal source.
Ind17.stVal	ST	Other internal source.
Ind17.q	ST	Other internal source.
Ind17.t	ST	Other internal source.
Ind17.d	DC	Other internal source.
Ind18.stVal	ST	Other internal source.
Ind18.q	ST	Other internal source.
Ind18.t	ST	Other internal source.
Ind18.d	DC	Other internal source.
Ind19.stVal	ST	Other internal source.
Ind19.q	ST	Other internal source.
Ind19.t	ST	Other internal source.
Ind19.d	DC	Other internal source.
Ind20.stVal	ST	Other internal source.
Ind20.q	ST	Other internal source.
Ind20.t	ST	Other internal source.
Ind20.d	DC	Other internal source.
Ind21.stVal	ST	Other internal source.
Ind21.q	ST	Other internal source.
Ind21.t	ST	Other internal source.
Ind21.d	DC	Other internal source.
Ind22.stVal	ST	Other internal source.
Ind22.q	ST	Other internal source.
Ind22.t	ST	Other internal source.
Ind22.d	DC	Other internal source.
Ind23.stVal	ST	Other internal source.
Ind23.q	ST	Other internal source.
Ind23.t	ST	Other internal source.
Ind23.d	DC	Other internal source.
Ind24.stVal	ST	Other internal source.
Ind24.q	ST	Other internal source.
Ind24.t	ST	Other internal source.
Ind24.d	DC	Other internal source.
Ind25.stVal	ST	Other internal source.
Ind25.q	ST	Other internal source.
Ind25.t	ST	Other internal source.
Ind25.d	DC	Other internal source.
Ind26.stVal	ST	Other internal source.
Ind26.q	ST	Other internal source.
Ind26.t	ST	Other internal source.
Ind26.d	DC	Other internal source.
Ind27.stVal	ST	Other internal source.
Ind27.q	ST	Other internal source.
Ind27.t	ST	Other internal source.
Ind27.d	DC	Other internal source.
Ind28.stVal	ST	Other internal source.

Attribute	FC	Source
Ind28.q	ST	Other internal source.
Ind28.t	ST	Other internal source.
Ind28.d	DC	Other internal source.
Ind29.stVal	ST	Other internal source.
Ind29.q	ST	Other internal source.
Ind29.t	ST	Other internal source.
Ind29.d	DC	Other internal source.
Ind30.stVal	ST	Other internal source.
Ind30.q	ST	Other internal source.
Ind30.t	ST	Other internal source.
Ind30.d	DC	Other internal source.
Ind31.stVal	ST	Other internal source.
Ind31.q	ST	Other internal source.
Ind31.t	ST	Other internal source.
Ind31.d	DC	Other internal source.
Ind32.stVal	ST	Other internal source.
Ind32.q	ST	Other internal source.
Ind32.t	ST	Other internal source.
Ind32.d	DC	Other internal source.
Ind33.stVal	ST	Other internal source.
Ind33.q	ST	Other internal source.
Ind33.t	ST	Other internal source.
Ind33.d	DC	Other internal source.
Ind34.stVal	ST	Other internal source.
Ind34.q	ST	Other internal source.
Ind34.t	ST	Other internal source.
Ind34.d	DC	Other internal source.
Ind35.stVal	ST	Other internal source.
Ind35.q	ST	Other internal source.
Ind35.t	ST	Other internal source.
Ind35.d	DC	Other internal source.
Ind36.stVal	ST	Other internal source.
Ind36.q	ST	Other internal source.
Ind36.t	ST	Other internal source.
Ind36.d	DC	Other internal source.
Ind37.stVal	ST	Other internal source.
Ind37.q	ST	Other internal source.
Ind37.t	ST	Other internal source.
Ind37.d	DC	Other internal source.
Ind38.stVal	ST	Other internal source.
Ind38.q	ST	Other internal source.
Ind38.t	ST	Other internal source.
Ind38.d	DC	Other internal source.
Ind39.stVal	ST	Other internal source.
Ind39.q	ST	Other internal source.
Ind39.t	ST	Other internal source.
Ind39.d	DC	Other internal source.
Ind40.stVal	ST	Other internal source.
Ind40.q	ST	Other internal source.
Ind40.t	ST	Other internal source.
Ind40.d	DC	Other internal source.
Ind41.stVal	ST	Other internal source.
Ind41.q	ST	Other internal source.
Ind41.t	ST	Other internal source.
Ind41.d	DC	Other internal source.
Ind42.stVal	ST	Other internal source.
Ind42.q	ST	Other internal source.
Ind42.t	ST	Other internal source.
Ind42.d	DC	Other internal source.
Ind43.stVal	ST	Other internal source.
Ind43.q	ST	Other internal source.
Ind43.t	ST	Other internal source.
Ind43.d	DC	Other internal source.
Ind44.stVal	ST	Other internal source.
Ind44.q	ST	Other internal source.
Ind44.t	ST	Other internal source.
Ind44.d	DC	Other internal source.

Attribute	FC	Source
Ind45.stVal	ST	Other internal source.
Ind45.q	ST	Other internal source.
Ind45.t	ST	Other internal source.
Ind45.d	DC	Other internal source.
Ind46.stVal	ST	Other internal source.
Ind46.q	ST	Other internal source.
Ind46.t	ST	Other internal source.
Ind46.d	DC	Other internal source.
Ind47.stVal	ST	Other internal source.
Ind47.q	ST	Other internal source.
Ind47.t	ST	Other internal source.
Ind47.d	DC	Other internal source.
Ind48.stVal	ST	Other internal source.
Ind48.q	ST	Other internal source.
Ind48.t	ST	Other internal source.
Ind48.d	DC	Other internal source.
Ind49.stVal	ST	Other internal source.
Ind49.q	ST	Other internal source.
Ind49.t	ST	Other internal source.
Ind49.d	DC	Other internal source.
Ind50.stVal	ST	Other internal source.
Ind50.q	ST	Other internal source.
Ind50.t	ST	Other internal source.
Ind50.d	DC	Other internal source.
Ind51.stVal	ST	Other internal source.
Ind51.q	ST	Other internal source.
Ind51.t	ST	Other internal source.
Ind51.d	DC	Other internal source.
Ind52.stVal	ST	Other internal source.
Ind52.q	ST	Other internal source.
Ind52.t	ST	Other internal source.
Ind52.d	DC	Other internal source.
Ind53.stVal	ST	Other internal source.
Ind53.q	ST	Other internal source.
Ind53.t	ST	Other internal source.
Ind53.d	DC	Other internal source.
Ind54.stVal	ST	Other internal source.
Ind54.q	ST	Other internal source.
Ind54.t	ST	Other internal source.
Ind54.d	DC	Other internal source.
Ind55.stVal	ST	Other internal source.
Ind55.q	ST	Other internal source.
Ind55.t	ST	Other internal source.
Ind55.d	DC	Other internal source.
Ind56.stVal	ST	Other internal source.
Ind56.q	ST	Other internal source.
Ind56.t	ST	Other internal source.
Ind56.d	DC	Other internal source.
Ind57.stVal	ST	Other internal source.
Ind57.q	ST	Other internal source.
Ind57.t	ST	Other internal source.
Ind57.d	DC	Other internal source.
Ind58.stVal	ST	Other internal source.
Ind58.q	ST	Other internal source.
Ind58.t	ST	Other internal source.
Ind58.d	DC	Other internal source.
Ind59.stVal	ST	Other internal source.
Ind59.q	ST	Other internal source.
Ind59.t	ST	Other internal source.
Ind59.d	DC	Other internal source.
Ind60.stVal	ST	Other internal source.
Ind60.q	ST	Other internal source.
Ind60.t	ST	Other internal source.
Ind60.d	DC	Other internal source.
Ind61.stVal	ST	Other internal source.
Ind61.q	ST	Other internal source.
Ind61.t	ST	Other internal source.

Attribute	FC	Source
Ind61.d	DC	Other internal source.
Ind62.stVal	ST	Other internal source.
Ind62.q	ST	Other internal source.
Ind62.t	ST	Other internal source.
Ind62.d	DC	Other internal source.
Ind63.stVal	ST	Other internal source.
Ind63.q	ST	Other internal source.
Ind63.t	ST	Other internal source.
Ind63.d	DC	Other internal source.
Ind64.stVal	ST	Other internal source.
Ind64.q	ST	Other internal source.
Ind64.t	ST	Other internal source.
Ind64.d	DC	Other internal source.

1.4.17 Logical Node: PloGGIO1

Description: PSL Control Inputs

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[12 01] - Ctrl I/P Status
SPCSO1.ctlVal	CO	[12 02] - Control Input 1
SPCSO1.origin.orCat	ST	Other internal source.
SPCSO1.origin.orIdent	ST	Other internal source.
SPCSO1.stVal	ST	DDB_CTRL_IP_1 (608)
SPCSO1.q	ST	Other internal source.
SPCSO1.t	ST	Other internal source.
SPCSO1.ctlModel	CF	Other internal source.
SPCSO1.sboTimeout	CF	Other internal source.
SPCSO2.ctlVal	CO	[12 03] - Control Input 2
SPCSO2.origin.orCat	ST	Other internal source.
SPCSO2.origin.orIdent	ST	Other internal source.
SPCSO2.stVal	ST	DDB_CTRL_IP_2 (609)
SPCSO2.q	ST	Other internal source.
SPCSO2.t	ST	Other internal source.
SPCSO2.ctlModel	CF	Other internal source.
SPCSO2.sboTimeout	CF	Other internal source.
SPCSO3.ctlVal	CO	[12 04] - Control Input 3
SPCSO3.origin.orCat	ST	Other internal source.
SPCSO3.origin.orIdent	ST	Other internal source.
SPCSO3.stVal	ST	DDB_CTRL_IP_3 (610)
SPCSO3.q	ST	Other internal source.
SPCSO3.t	ST	Other internal source.
SPCSO3.ctlModel	CF	Other internal source.
SPCSO3.sboTimeout	CF	Other internal source.
SPCSO4.ctlVal	CO	[12 05] - Control Input 4
SPCSO4.origin.orCat	ST	Other internal source.
SPCSO4.origin.orIdent	ST	Other internal source.
SPCSO4.stVal	ST	DDB_CTRL_IP_4 (611)
SPCSO4.q	ST	Other internal source.
SPCSO4.t	ST	Other internal source.
SPCSO4.ctlModel	CF	Other internal source.
SPCSO4.sboTimeout	CF	Other internal source.
SPCSO5.ctlVal	CO	[12 06] - Control Input 5
SPCSO5.origin.orCat	ST	Other internal source.
SPCSO5.origin.orIdent	ST	Other internal source.

Attribute	FC	Source
SPCSO5.stVal	ST	DDB_CTRL_IP_5 (612)
SPCSO5.q	ST	Other internal source.
SPCSO5.t	ST	Other internal source.
SPCSO5.ctlModel	CF	Other internal source.
SPCSO5.sboTimeout	CF	Other internal source.
SPCSO6.ctlVal	CO	[12 07] - Control Input 6
SPCSO6.origin.orCat	ST	Other internal source.
SPCSO6.origin.orIdent	ST	Other internal source.
SPCSO6.stVal	ST	DDB_CTRL_IP_6 (613)
SPCSO6.q	ST	Other internal source.
SPCSO6.t	ST	Other internal source.
SPCSO6.ctlModel	CF	Other internal source.
SPCSO6.sboTimeout	CF	Other internal source.
SPCSO7.ctlVal	CO	[12 08] - Control Input 7
SPCSO7.origin.orCat	ST	Other internal source.
SPCSO7.origin.orIdent	ST	Other internal source.
SPCSO7.stVal	ST	DDB_CTRL_IP_7 (614)
SPCSO7.q	ST	Other internal source.
SPCSO7.t	ST	Other internal source.
SPCSO7.ctlModel	CF	Other internal source.
SPCSO7.sboTimeout	CF	Other internal source.
SPCSO8.ctlVal	CO	[12 09] - Control Input 8
SPCSO8.origin.orCat	ST	Other internal source.
SPCSO8.origin.orIdent	ST	Other internal source.
SPCSO8.stVal	ST	DDB_CTRL_IP_8 (615)
SPCSO8.q	ST	Other internal source.
SPCSO8.t	ST	Other internal source.
SPCSO8.ctlModel	CF	Other internal source.
SPCSO8.sboTimeout	CF	Other internal source.
SPCSO9.ctlVal	CO	[12 0A] - Control Input 9
SPCSO9.origin.orCat	ST	Other internal source.
SPCSO9.origin.orIdent	ST	Other internal source.
SPCSO9.stVal	ST	DDB_CTRL_IP_9 (616)
SPCSO9.q	ST	Other internal source.
SPCSO9.t	ST	Other internal source.
SPCSO9.ctlModel	CF	Other internal source.
SPCSO9.sboTimeout	CF	Other internal source.
SPCSO10.ctlVal	CO	[12 0B] - Control Input 10
SPCSO10.origin.orCat	ST	Other internal source.
SPCSO10.origin.orIdent	ST	Other internal source.
SPCSO10.stVal	ST	DDB_CTRL_IP_10 (617)
SPCSO10.q	ST	Other internal source.
SPCSO10.t	ST	Other internal source.
SPCSO10.ctlModel	CF	Other internal source.
SPCSO10.sboTimeout	CF	Other internal source.
SPCSO11.ctlVal	CO	[12 0C] - Control Input 11
SPCSO11.origin.orCat	ST	Other internal source.
SPCSO11.origin.orIdent	ST	Other internal source.
SPCSO11.stVal	ST	DDB_CTRL_IP_11 (618)
SPCSO11.q	ST	Other internal source.
SPCSO11.t	ST	Other internal source.
SPCSO11.ctlModel	CF	Other internal source.
SPCSO11.sboTimeout	CF	Other internal source.
SPCSO12.ctlVal	CO	[12 0D] - Control Input 12
SPCSO12.origin.orCat	ST	Other internal source.
SPCSO12.origin.orIdent	ST	Other internal source.
SPCSO12.stVal	ST	DDB_CTRL_IP_12 (619)
SPCSO12.q	ST	Other internal source.
SPCSO12.t	ST	Other internal source.
SPCSO12.ctlModel	CF	Other internal source.
SPCSO12.sboTimeout	CF	Other internal source.
SPCSO13.ctlVal	CO	[12 0E] - Control Input 13
SPCSO13.origin.orCat	ST	Other internal source.
SPCSO13.origin.orIdent	ST	Other internal source.
SPCSO13.stVal	ST	DDB_CTRL_IP_13 (620)
SPCSO13.q	ST	Other internal source.
SPCSO13.t	ST	Other internal source.

Attribute	FC	Source
SPCSO13.ctlModel	CF	Other internal source.
SPCSO13.sboTimeout	CF	Other internal source.
SPCSO14.ctlVal	CO	[12 0F] - Control Input 14
SPCSO14.origin.orCat	ST	Other internal source.
SPCSO14.origin.orIdent	ST	Other internal source.
SPCSO14.stVal	ST	DDB_CTRL_IP_14 (621)
SPCSO14.q	ST	Other internal source.
SPCSO14.t	ST	Other internal source.
SPCSO14.ctlModel	CF	Other internal source.
SPCSO14.sboTimeout	CF	Other internal source.
SPCSO15.ctlVal	CO	[12 10] - Control Input 15
SPCSO15.origin.orCat	ST	Other internal source.
SPCSO15.origin.orIdent	ST	Other internal source.
SPCSO15.stVal	ST	DDB_CTRL_IP_15 (622)
SPCSO15.q	ST	Other internal source.
SPCSO15.t	ST	Other internal source.
SPCSO15.ctlModel	CF	Other internal source.
SPCSO15.sboTimeout	CF	Other internal source.
SPCSO16.ctlVal	CO	[12 11] - Control Input 16
SPCSO16.origin.orCat	ST	Other internal source.
SPCSO16.origin.orIdent	ST	Other internal source.
SPCSO16.stVal	ST	DDB_CTRL_IP_16 (623)
SPCSO16.q	ST	Other internal source.
SPCSO16.t	ST	Other internal source.
SPCSO16.ctlModel	CF	Other internal source.
SPCSO16.sboTimeout	CF	Other internal source.
SPCSO17.ctlVal	CO	[12 12] - Control Input 17
SPCSO17.origin.orCat	ST	Other internal source.
SPCSO17.origin.orIdent	ST	Other internal source.
SPCSO17.stVal	ST	DDB_CTRL_IP_17 (624)
SPCSO17.q	ST	Other internal source.
SPCSO17.t	ST	Other internal source.
SPCSO17.ctlModel	CF	Other internal source.
SPCSO17.sboTimeout	CF	Other internal source.
SPCSO18.ctlVal	CO	[12 13] - Control Input 18
SPCSO18.origin.orCat	ST	Other internal source.
SPCSO18.origin.orIdent	ST	Other internal source.
SPCSO18.stVal	ST	DDB_CTRL_IP_18 (625)
SPCSO18.q	ST	Other internal source.
SPCSO18.t	ST	Other internal source.
SPCSO18.ctlModel	CF	Other internal source.
SPCSO18.sboTimeout	CF	Other internal source.
SPCSO19.ctlVal	CO	[12 14] - Control Input 19
SPCSO19.origin.orCat	ST	Other internal source.
SPCSO19.origin.orIdent	ST	Other internal source.
SPCSO19.stVal	ST	DDB_CTRL_IP_19 (626)
SPCSO19.q	ST	Other internal source.
SPCSO19.t	ST	Other internal source.
SPCSO19.ctlModel	CF	Other internal source.
SPCSO19.sboTimeout	CF	Other internal source.
SPCSO20.ctlVal	CO	[12 15] - Control Input 20
SPCSO20.origin.orCat	ST	Other internal source.
SPCSO20.origin.orIdent	ST	Other internal source.
SPCSO20.stVal	ST	DDB_CTRL_IP_20 (627)
SPCSO20.q	ST	Other internal source.
SPCSO20.t	ST	Other internal source.
SPCSO20.ctlModel	CF	Other internal source.
SPCSO20.sboTimeout	CF	Other internal source.
SPCSO21.ctlVal	CO	[12 16] - Control Input 21
SPCSO21.origin.orCat	ST	Other internal source.
SPCSO21.origin.orIdent	ST	Other internal source.
SPCSO21.stVal	ST	DDB_CTRL_IP_21 (628)
SPCSO21.q	ST	Other internal source.
SPCSO21.t	ST	Other internal source.
SPCSO21.ctlModel	CF	Other internal source.
SPCSO21.sboTimeout	CF	Other internal source.
SPCSO22.ctlVal	CO	[12 17] - Control Input 22

Attribute	FC	Source
SPCSO22.origin.orCat	ST	Other internal source.
SPCSO22.origin.orIdent	ST	Other internal source.
SPCSO22.stVal	ST	DDB_CTRL_IP_22 (629)
SPCSO22.q	ST	Other internal source.
SPCSO22.t	ST	Other internal source.
SPCSO22.ctlModel	CF	Other internal source.
SPCSO22.sboTimeout	CF	Other internal source.
SPCSO23.ctlVal	CO	[12 18] - Control Input 23
SPCSO23.origin.orCat	ST	Other internal source.
SPCSO23.origin.orIdent	ST	Other internal source.
SPCSO23.stVal	ST	DDB_CTRL_IP_23 (630)
SPCSO23.q	ST	Other internal source.
SPCSO23.t	ST	Other internal source.
SPCSO23.ctlModel	CF	Other internal source.
SPCSO23.sboTimeout	CF	Other internal source.
SPCSO24.ctlVal	CO	[12 19] - Control Input 24
SPCSO24.origin.orCat	ST	Other internal source.
SPCSO24.origin.orIdent	ST	Other internal source.
SPCSO24.stVal	ST	DDB_CTRL_IP_24 (631)
SPCSO24.q	ST	Other internal source.
SPCSO24.t	ST	Other internal source.
SPCSO24.ctlModel	CF	Other internal source.
SPCSO24.sboTimeout	CF	Other internal source.
SPCSO25.ctlVal	CO	[12 1A] - Control Input 25
SPCSO25.origin.orCat	ST	Other internal source.
SPCSO25.origin.orIdent	ST	Other internal source.
SPCSO25.stVal	ST	DDB_CTRL_IP_25 (632)
SPCSO25.q	ST	Other internal source.
SPCSO25.t	ST	Other internal source.
SPCSO25.ctlModel	CF	Other internal source.
SPCSO25.sboTimeout	CF	Other internal source.
SPCSO26.ctlVal	CO	[12 1B] - Control Input 26
SPCSO26.origin.orCat	ST	Other internal source.
SPCSO26.origin.orIdent	ST	Other internal source.
SPCSO26.stVal	ST	DDB_CTRL_IP_26 (633)
SPCSO26.q	ST	Other internal source.
SPCSO26.t	ST	Other internal source.
SPCSO26.ctlModel	CF	Other internal source.
SPCSO26.sboTimeout	CF	Other internal source.
SPCSO27.ctlVal	CO	[12 1C] - Control Input 27
SPCSO27.origin.orCat	ST	Other internal source.
SPCSO27.origin.orIdent	ST	Other internal source.
SPCSO27.stVal	ST	DDB_CTRL_IP_27 (634)
SPCSO27.q	ST	Other internal source.
SPCSO27.t	ST	Other internal source.
SPCSO27.ctlModel	CF	Other internal source.
SPCSO27.sboTimeout	CF	Other internal source.
SPCSO28.ctlVal	CO	[12 1D] - Control Input 28
SPCSO28.origin.orCat	ST	Other internal source.
SPCSO28.origin.orIdent	ST	Other internal source.
SPCSO28.stVal	ST	DDB_CTRL_IP_28 (635)
SPCSO28.q	ST	Other internal source.
SPCSO28.t	ST	Other internal source.
SPCSO28.ctlModel	CF	Other internal source.
SPCSO28.sboTimeout	CF	Other internal source.
SPCSO29.ctlVal	CO	[12 1E] - Control Input 29
SPCSO29.origin.orCat	ST	Other internal source.
SPCSO29.origin.orIdent	ST	Other internal source.
SPCSO29.stVal	ST	DDB_CTRL_IP_29 (636)
SPCSO29.q	ST	Other internal source.
SPCSO29.t	ST	Other internal source.
SPCSO29.ctlModel	CF	Other internal source.
SPCSO29.sboTimeout	CF	Other internal source.
SPCSO30.ctlVal	CO	[12 1F] - Control Input 30
SPCSO30.origin.orCat	ST	Other internal source.
SPCSO30.origin.orIdent	ST	Other internal source.
SPCSO30.stVal	ST	DDB_CTRL_IP_30 (637)

Attribute	FC	Source
SPCSO30.q	ST	Other internal source.
SPCSO30.t	ST	Other internal source.
SPCSO30.ctlModel	CF	Other internal source.
SPCSO30.sboTimeout	CF	Other internal source.
SPCSO31.ctlVal	CO	[12 20] - Control Input 31
SPCSO31.origin.orCat	ST	Other internal source.
SPCSO31.origin.orIdent	ST	Other internal source.
SPCSO31.stVal	ST	DDB_CTRL_IP_31 (638)
SPCSO31.q	ST	Other internal source.
SPCSO31.t	ST	Other internal source.
SPCSO31.ctlModel	CF	Other internal source.
SPCSO31.sboTimeout	CF	Other internal source.
SPCSO32.ctlVal	CO	[12 21] - Control Input 32
SPCSO32.origin.orCat	ST	Other internal source.
SPCSO32.origin.orIdent	ST	Other internal source.
SPCSO32.stVal	ST	DDB_CTRL_IP_32 (639)
SPCSO32.q	ST	Other internal source.
SPCSO32.t	ST	Other internal source.
SPCSO32.ctlModel	CF	Other internal source.
SPCSO32.sboTimeout	CF	Other internal source.

1.4.18 Logical Node: PueAlmGGIO1

Description: Alarm PU Error for each zone

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	PU_ERR_ALARM_BAR_1 (159)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind2.stVal	ST	PU_ERR_ALARM_BAR_2 (158)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind3.stVal	ST	PU_ERR_ALARM_BAR_3 (157)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind4.stVal	ST	PU_ERR_ALARM_BAR_4 (156)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind5.stVal	ST	PU_ERR_ALARM_BAR_5 (155)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind6.stVal	ST	PU_ERR_ALARM_BAR_6 (154)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind7.stVal	ST	PU_ERR_ALARM_BAR_7 (153)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind8.stVal	ST	PU_ERR_ALARM_BAR_8 (152)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.

1.4.19 Logical Node: PueLckGGIO1

Description: Locking PU Error for each zone

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	PU_ERR_BLOCK_BAR_1 (151)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind2.stVal	ST	PU_ERR_BLOCK_BAR_2 (150)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind3.stVal	ST	PU_ERR_BLOCK_BAR_3 (149)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind4.stVal	ST	PU_ERR_BLOCK_BAR_4 (148)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind5.stVal	ST	PU_ERR_BLOCK_BAR_5 (147)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind6.stVal	ST	PU_ERR_BLOCK_BAR_6 (146)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind7.stVal	ST	PU_ERR_BLOCK_BAR_7 (145)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind8.stVal	ST	PU_ERR_BLOCK_BAR_8 (144)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.

1.4.20 Logical Node: RlyGGIO1

Description: P740 : Outputs Contacts CU

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctIModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	[00 21] - Relay O/P Status
Ind1.stVal	ST	DDB_OUTPUT_RELAY_1 (0)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind1.d	DC	[4B 01] - Relay 1
Ind2.stVal	ST	DDB_OUTPUT_RELAY_2 (1)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind2.d	DC	[4B 02] - Relay 2
Ind3.stVal	ST	DDB_OUTPUT_RELAY_3 (2)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.

Attribute	FC	Source
Ind3.d	DC	[4B 03] - Relay 3
Ind4.stVal	ST	DDB_OUTPUT_RELAY_4 (3)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind4.d	DC	[4B 04] - Relay 4
Ind5.stVal	ST	DDB_OUTPUT_RELAY_5 (4)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind5.d	DC	[4B 05] - Relay 5
Ind6.stVal	ST	DDB_OUTPUT_RELAY_6 (5)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind6.d	DC	[4B 06] - Relay 6
Ind7.stVal	ST	DDB_OUTPUT_RELAY_7 (6)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind7.d	DC	[4B 07] - Relay 7
Ind8.stVal	ST	DDB_OUTPUT_RELAY_8 (7)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind8.d	DC	[4B 08] - Relay 8

1.4.21 Logical Node: RlyVirGGIO1

Description: P740 : virtual relay

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctlModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPlt.vendor	DC	Other internal source.
NamPlt.swRev	DC	[00 11] - Software Ref. 1
NamPlt.d	DC	Other internal source.
Ind1.stVal	ST	VIRTUAL_TC_1 (112)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind2.stVal	ST	VIRTUAL_TC_2 (113)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind3.stVal	ST	VIRTUAL_TC_3 (114)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind4.stVal	ST	VIRTUAL_TC_4 (115)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind5.stVal	ST	VIRTUAL_TC_5 (116)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind6.stVal	ST	VIRTUAL_TC_6 (117)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind7.stVal	ST	VIRTUAL_TC_7 (118)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind8.stVal	ST	VIRTUAL_TC_8 (119)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.
Ind9.stVal	ST	VIRTUAL_TC_9 (120)
Ind9.q	ST	Other internal source.
Ind9.t	ST	Other internal source.

Attribute	FC	Source
Ind10.stVal	ST	VIRTUAL_TC_10 (121)
Ind10.q	ST	Other internal source.
Ind10.t	ST	Other internal source.
Ind11.stVal	ST	VIRTUAL_TC_11 (122)
Ind11.q	ST	Other internal source.
Ind11.t	ST	Other internal source.
Ind12.stVal	ST	VIRTUAL_TC_12 (123)
Ind12.q	ST	Other internal source.
Ind12.t	ST	Other internal source.
Ind13.stVal	ST	VIRTUAL_TC_13 (124)
Ind13.q	ST	Other internal source.
Ind13.t	ST	Other internal source.
Ind14.stVal	ST	VIRTUAL_TC_14 (125)
Ind14.q	ST	Other internal source.
Ind14.t	ST	Other internal source.
Ind15.stVal	ST	VIRTUAL_TC_15 (126)
Ind15.q	ST	Other internal source.
Ind15.t	ST	Other internal source.
Ind16.stVal	ST	VIRTUAL_TC_16 (127)
Ind16.q	ST	Other internal source.
Ind16.t	ST	Other internal source.

1.4.22 Logical Node: TrpManGGIO1

Description: P740 : Manual trip order

Attribute	FC	Source
Mod.stVal	ST	Other internal source.
Mod.q	ST	Other internal source.
Mod.t	ST	Other internal source.
Mod.ctiModel	CF	Other internal source.
Beh.stVal	ST	Other internal source.
Beh.q	ST	Other internal source.
Beh.t	ST	Other internal source.
Health.stVal	ST	Other internal source.
Health.q	ST	Other internal source.
Health.t	ST	Other internal source.
NamPit.vendor	DC	Other internal source.
NamPit.swRev	DC	[00 11] - Software Ref. 1
NamPit.d	DC	Other internal source.
Ind1.stVal	ST	TRIP_MANUAL_BAR_1 (199)
Ind1.q	ST	Other internal source.
Ind1.t	ST	Other internal source.
Ind2.stVal	ST	TRIP_MANUAL_BAR_2 (198)
Ind2.q	ST	Other internal source.
Ind2.t	ST	Other internal source.
Ind3.stVal	ST	TRIP_MANUAL_BAR_3 (197)
Ind3.q	ST	Other internal source.
Ind3.t	ST	Other internal source.
Ind4.stVal	ST	TRIP_MANUAL_BAR_4 (196)
Ind4.q	ST	Other internal source.
Ind4.t	ST	Other internal source.
Ind5.stVal	ST	TRIP_MANUAL_BAR_5 (195)
Ind5.q	ST	Other internal source.
Ind5.t	ST	Other internal source.
Ind6.stVal	ST	TRIP_MANUAL_BAR_6 (194)
Ind6.q	ST	Other internal source.
Ind6.t	ST	Other internal source.
Ind7.stVal	ST	TRIP_MANUAL_BAR_7 (193)
Ind7.q	ST	Other internal source.
Ind7.t	ST	Other internal source.
Ind8.stVal	ST	TRIP_MANUAL_BAR_8 (192)
Ind8.q	ST	Other internal source.
Ind8.t	ST	Other internal source.



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