

Reading not floating from Meter CEWE using IEC-61850 Protocol

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1. Treshold Value LNK_CAExplus signal source from CEWE Meter

OPM II Object-oriented process data manager - [Edit image]

System Edit View Tools Target systems Extras Workflow Window Help

TG10.33kV.BCTMP-AC-08M.P441_H02A2.Hz.mag.f.LNK_CAExplus

Parameter	Value
Lk_TI	Measured value short floating
Lk_DS	CAEx plus
Lk_Cat	IEC-measured value with char
Lk_Prep	Activated
CASDU1	237
CASDU2	9
IOA1	82
IOA2	36
IOA3	6
Longtext	TG10 33kV BCTMP-AC-08M ELIT
absolute_threshold	0.0001
add_threshold	1

Project (Original) SLD LS (Original) Calculate formulas automatically Logging off OFFLINE

11:21 24/02/2024

2. CAExplus processing properties (FastTask: 10ms)

The screenshot displays the CAEx plus Project Management interface. The main window shows a project tree on the left with the following structure:

- Project
 - Libraries
 - PowerManSys (62)
 - AGC AU A (62,1)
 - AGC AU B (62,2)
 - Generator Simulator (62,100)
 - PMS AU A (62,3)
 - CPCI85 (M)
 - CEWE_to_HMI
 - Connection
 - DSRC_Parameters
 - DYNAMIC_SPINNING_RESERVE
 - FastTask
 - GENERAL
 - GlobalVariable
 - Last_Trip_Record
 - LOAD_INFO_SubABCD
 - LOAD_INFO_SubEF
 - LOAD_INFO_SubGH
 - LOAD_INFO_SubIJ
 - LOAD_INFO_SubKL
 - LOAD_INFO_SubO
 - LOAD_INFO_SubQN
 - LOAD_INFO_SubR
 - LOAD_INFO_SubS
 - LOAD_INFO_SubT
 - LOAD_INFO_SubU

The 'Properties: CEWE_to_HMI' dialog box is open, showing the 'Assignment' tab. It contains the following fields and controls:

- Program Type:
- Task Assignment:
-

At the bottom of the dialog are the buttons:

The background interface includes a menu bar (Project, Object, Edit, View, Window, Tools, Help), a toolbar, and an Error-State Viewer at the bottom showing 0 Errors, 0 Warnings, and 0 Other. The Windows taskbar at the bottom shows the time as 11:23 on 24/02/2024.

4. Treshold Value LNK_CAExplus signal output to SCC

The screenshot shows the OPM II Object-oriented process data manager interface. The left pane displays a hierarchical tree view of system components. The right pane shows a table of parameters for the selected component, LNK_CAExplus.

Tree View Structure:

- Contingency 4
- Contingency 5
- PC
- PMS
- FPBLS
- ELS
- TG10_BCTMP
 - P441AC08H02A2
 - MEAS
 - IA
 - IB
 - IC
 - VPHA
 - VPHB
 - VPHC
 - VPPAB
 - VPPBC
 - VPPCA
 - P
 - Q
 - S
 - PF
 - F
 - LNK_ADR
 - LNK_CAExplus**
 - LNK_SCC_ANA
 - totWh
 - totVArh
 - SupWh
 - SupVArh
 - DmdWh
 - DmdVArh
 - P441AC08H03A2
 - P441AC08H04A2
 - P441AC08H05A2
 - P441AC08H06A2

Parameter Table:

Parameter	Value
Lk_TI	Measured value short floating
Lk_DS	CAEx plus
Lk_Cat	IEC-measured value with char
Lk_Prep	Activated
CASDU1	254
CASDU2	254
IOA1	82
IOA2	36
IOA3	23
Longtext	
absolute_threshold	0.0001
add_threshold	1
ORIGINATOR	No
COT	No

Navigation Path: SICAM 1703 / SICAM PAS + SICAM SCC / SICAM 230 / Spectrum PowerCC / CAEx II / 250 SCALA / TEAx

Status Bar: Project (Original) | SCADA (Original) | Calculate formulas automatically | Logging off | OFFLINE

System Tray: 11:26, 24/02/2024