



ProtoNode FPC-N34 and ProtoNode FPC-N35 Complete Point List Supplement

**For Interfacing Weil-McLain Products:
SlimFit 1000-2000 Series 1 (SOLA), Evergreen, SlimFit 550-750 Series
2 & 3, SlimFit 1000-2000 Series 2 and SVF Models**

**To Building Automation Systems:
BACnet MS/TP, BACnet/IP, Modbus TCP/IP, Metasys N2 and
LonWorks**

APPLICABILITY & EFFECTIVITY

Explains ProtoNode FPC-N34 and FPC-N35 hardware and how to install it.

The instructions are effective for the above as of January 2019.

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Appendix C. Vendor Information – Weil-McLain

NOTE: All Modbus TCP/IP registers are the same as the Modbus RTU registers for the serial device. If this point list is needed, contact the OEM. The Modbus TCP/IP node address of the device is also the same as the Modbus RTU node address.

Appendix C.1. SlimFit 1000-2000 Series 1 (SOLA) Modbus RTU Mappings to BACnet, Metasys N2 and LonWorks

| Point Name | BACnet Object Type | BACnet Object ID | N2 Data Type | N2 Address | LonWorks Name | LonWorks SNVT |
|---------------------------------------|--------------------|------------------|--------------|------------|----------------------|------------------|
| 4-20mA Remote Control Input Status | AV | 1 | AO | 1 | nvoRemCtlnSt_XXX | SNVT_count_f |
| Active CH Setpoint | AV | 2 | AO | 2 | nvoActCHSP_XXX | SNVT_temp_p |
| Active DHW Setpoint Status | AV | 3 | AO | 3 | nvoAcDHWSPSt_XXX | SNVT_temp_p |
| Active LL Operating Point Status | AV | 4 | AO | 4 | nvoALLOpPtSt_XXX | SNVT_temp_p |
| Active LL Setpoint Status | AV | 5 | AO | 5 | nvoActLLSPS_XXX | SNVT_temp_p |
| Active System Operating Point Status | AV | 6 | AO | 6 | nvoASyOpPtSt_XXX | SNVT_temp_p |
| Active System Setpoint Status | AV | 7 | AO | 7 | nvoAcSysSPSt_XXX | SNVT_temp_p |
| Alarm Record 1 Status | AV | 8 | AO | 8 | nvoAlmRec1St_XXX | SNVT_count_f |
| Alarm Record 2 Status | AV | 9 | AO | 9 | nvoAlmRec2St_XXX | SNVT_count_f |
| Alarm Record 3 Status | AV | 10 | AO | 10 | nvoAlmRec3St_XXX | SNVT_count_f |
| Alarm Record 4 Status | AV | 11 | AO | 11 | nvoAlmRec4St_XXX | SNVT_count_f |
| Alarm Record 5 Status | AV | 12 | AO | 12 | nvoAlmRec5St_XXX | SNVT_count_f |
| Annunciator First Out Status | AV | 13 | AO | 13 | nvoAn1stOtSt_XXX | SNVT_count_f |
| Auxiliary 2 Pump Cycle Count | AV | 14 | AO | 14 | nvoAx2PpCyCt_XXX | SNVT_count_f |
| Auxiliary 2 Pump Cycle Count Status | AV | 15 | AO | 15 | nvoAx2PCyCSt_XXX | SNVT_count_f |
| Auxiliary Pump Cycle Count | AV | 16 | AO | 16 | nvoAxPmpCyCt_XXX | SNVT_count_f |
| Auxiliary Pump Cycle Count Status | AV | 17 | AO | 17 | nvoAxPpCyCSt_XXX | SNVT_count_f |
| Boiler Pump Cycle Count | AV | 18 | AO | 18 | nvoBIPmpCyCt_XXX | SNVT_count_f |
| Boiler Pump Cycle Count Status | AV | 19 | AO | 19 | nvoBIPpCyCSt_XXX | SNVT_count_f |
| Burner Control State Status | AV | 20 | AO | 20 | nvoBrnCtStSt_XXX | SNVT_count_f |
| Burner Control Status | AV | 21 | AO | 21 | nvoBrnCtSt_XXX | SNVT_count_f |
| Burner Cycle Count | AV | 22 | AO | 22 | nvoBrnCycCnt_XXX | SNVT_count_f |
| Burner Cycle Count Status | AV | 23 | AO | 23 | nvoBrnCycCtSt_XXX | SNVT_count_f |
| Burner Run Time | AV | 24 | AO | 24 | nvoBrnRnTme_XXX | SNVT_time_hour |
| Burner Run Time Status | AV | 25 | AO | 25 | nvoBrnRnTmSt_XXX | SNVT_time_hour |
| CH Burner Demand Status | AV | 26 | AO | 26 | nvoCHBrnDmSt_XXX | SNVT_count_f |
| CH Heat Demand Status | AV | 27 | AO | 27 | nvoCHHtDemSt_XXX | SNVT_count_f |
| CH ODR Low Water Temperature (W) | AV | 28 | AO | 28 | nvi/nvoCHODLoWtT_XXX | SNVT_temp_p |
| CH ODR Low Water Temperature Status | AV | 29 | AO | 29 | nvoCHODLoWTS_XXX | SNVT_temp_p |
| CH ODR Max Outdoor Temperature (W) | AV | 30 | AO | 30 | nvi/nvoCHODMxWtT_XXX | SNVT_temp_p |
| CH ODR Max Outdoor Temperature Status | AV | 31 | AO | 31 | nvoCHODMxWTS_XXX | SNVT_temp_p |
| CH ODR Min Outdoor Temp (W) | AV | 32 | AO | 32 | nvi/nvoCHODMnWtT_XXX | SNVT_temp_p |
| CH ODR Min Outdoor Temp Status | AV | 33 | AO | 33 | nvoCHODMnWTS_XXX | SNVT_temp_p |
| CH Pump Cycle Count | AV | 34 | AO | 34 | nvoCHPmpCyCt_XXX | SNVT_count_f |
| CH Pump Cycle Count Status | AV | 35 | AO | 35 | nvoCHPCyCtSt_XXX | SNVT_count_f |
| CH Requested Rate Status | AV | 36 | AO | 36 | nvoCHReqRtSt_XXX | SNVT_lev_percent |
| CH Setpoint (W) | AV | 37 | AO | 37 | nvi/nvoCH_SP_XXX | SNVT_temp_p |
| CH Setpoint Status | AV | 38 | AO | 38 | nvoCH_SPStat_XXX | SNVT_count_f |
| CH Setpoint Source Status | AV | 39 | AO | 39 | nvoCHSPSrcSt_XXX | SNVT_temp_p |
| CH Status | AV | 40 | AO | 40 | nvoCH_Status_XXX | SNVT_count_f |
| CH Time of Day Setpoint (W) | AV | 41 | AO | 41 | nvi/nvoCH_TOD_SP_XXX | SNVT_temp_p |
| CH Time of Day Setpoint Status | AV | 42 | AO | 42 | nvoCHTODSPSt_XXX | SNVT_temp_p |
| Controller Cycle Count Status | AV | 43 | AO | 43 | nvoCtCycCtSt_XXX | SNVT_count_f |
| Controller Run Time Status | AV | 44 | AO | 44 | nvoCtRunTmSt_XXX | SNVT_time_hour |
| Demand Source Status | AV | 45 | AO | 45 | nvoDemSrcSt_XXX | SNVT_count_f |
| DHW Status | AV | 46 | AO | 46 | nvoDHWStatus_XXX | SNVT_count_f |
| DHW Burner Demand Status | AV | 47 | AO | 47 | nvoDHWBrDmSt_XXX | SNVT_count_f |
| DHW Heat Demand Status | AV | 48 | AO | 48 | nvoDHWHtDmSt_XXX | SNVT_count_f |
| DHW Priority Count Status | AV | 49 | AO | 49 | nvoDHWPrCtSt_XXX | SNVT_count_f |
| DHW Pump Cycle Count | AV | 50 | AO | 50 | nvoDHWpPpCyCt_XXX | SNVT_count_f |
| DHW Pump Cycle Count Status | AV | 51 | AO | 51 | nvoDHWpPpCyCtSt_XXX | SNVT_count_f |
| DHW Sensor Status | AV | 52 | AO | 52 | nvoDHWSenSta_XXX | SNVT_temp_p |
| DHW Setpoint | AV | 53 | AO | 53 | nvoDHW_SP_XXX | SNVT_temp_p |
| DHW Setpoint Source Status | AV | 54 | AO | 54 | nvoDHWSPSrcSt_XXX | SNVT_count_f |
| DHW Setpoint Status | AV | 55 | AO | 55 | nvoDHWSPStat_XXX | SNVT_temp_p |

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|--|----|-----|----|-----|----------------------|------------------|
| DHW Time of Day Setpoint (W) | AV | 56 | AO | 56 | nvi/nvoDHWOTODSP_XXX | SNVT_temp_p |
| DHW Time of Day Setpoint Status | AV | 57 | AO | 57 | nvoDHWOTODSPSt_XXX | SNVT_temp_p |
| DHW requested Rate Status | AV | 58 | AO | 58 | nvoDHWReqRtSt_XXX | SNVT_count_f |
| Fan Speed Status | AV | 59 | AO | 59 | nvoFanSpdSt_XXX | SNVT_count_f |
| Firing Rate Status | AV | 60 | AO | 60 | nvoFirRtStat_XXX | SNVT_count_f |
| Flame Signal Status | AV | 61 | AO | 61 | nvoFlmSigSt_XXX | SNVT_count_f |
| Inlet Sensor Status | AV | 62 | AO | 62 | nvoInSenStat_XXX | SNVT_temp_p |
| Lead Boiler Address Status | AV | 63 | AO | 63 | nvoLdBIAAddSt_XXX | SNVT_count_f |
| Lead Lag Active Service Status | AV | 64 | AO | 64 | nvoLLAcSrvSt_XXX | SNVT_count_f |
| Lead Lag CH 20mA Water Temp (W) | AV | 65 | AO | 65 | nvi/nvoLLCH20WTP_XXX | SNVT_temp_p |
| Lead Lag CH 20mA Water Temp Status | AV | 66 | AO | 66 | nvoLLCH20WTS_XXX | SNVT_temp_p |
| Lead Lag CH 4mA Water Temp (W) | AV | 67 | AO | 67 | nvi/nvoLLCH4WtTp_XXX | SNVT_temp_p |
| Lead Lag CH 4mA Water Temp Status | AV | 68 | AO | 68 | nvoLLCH4WTPs_XXX | SNVT_temp_p |
| Lead Lag CH ODR Low Water Temperature (W) | AV | 69 | AO | 69 | nvi/nvoLLODRLoWT_XXX | SNVT_temp_p |
| Lead Lag CH ODR Low Water Temperature Status | AV | 70 | AO | 70 | nvoLLODRLWTS_XXX | SNVT_temp_p |
| Lead Lag CH ODR Max Outdoor Temperature (W) | AV | 71 | AO | 71 | nvi/nvoLLODRMxTp_XXX | SNVT_temp_p |
| Lead Lag CH ODR Max Outdoor Temperature Status | AV | 72 | AO | 72 | nvoLLODRMxTS_XXX | SNVT_temp_p |
| Lead Lag CH ODR Min Outdoor Temperature (W) | AV | 73 | AO | 73 | nvi/nvoLLODRMnTp_XXX | SNVT_temp_p |
| Lead Lag CH ODR Min Outdoor Temperature Status | AV | 74 | AO | 74 | nvoLLODRMnTS_XXX | SNVT_temp_p |
| Lead Lag CH Setpoint Source (W) | AV | 75 | AO | 75 | nvi/nvoLLCHSPSrc_XXX | SNVT_count_f |
| Lead Lag CH Setpoint Source Status | AV | 76 | AO | 76 | nvoLLCHSPSSt_XXX | SNVT_count_f |
| Lead Lag DHW Setpoint | AV | 77 | AO | 77 | nvoLLDHW_SP_XXX | SNVT_temp_p |
| Lead Lag DHW Setpoint Status | AV | 78 | AO | 78 | nvoLLDHWSPSt_XXX | SNVT_temp_p |
| Lead Lag Master Enable Status | AV | 79 | AO | 79 | nvoLLMstEnSt_XXX | SNVT_count_f |
| Lead Lag Master Setpoint Source Status | AV | 80 | AO | 80 | nvoLLMsSPSrS_XXX | SNVT_count_f |
| Lead Lag Master Status | AV | 81 | AO | 81 | nvoLLMstStat_XXX | SNVT_count_f |
| Lead Lag Modulation Backup Sensor | AV | 82 | AO | 82 | nvoLLModBkSn_XXX | SNVT_count_f |
| Lead Lag Modulation Backup Sensor Status | AV | 83 | AO | 83 | nvoLLMdBkSnS_XXX | SNVT_count_f |
| Lead Lag Setpoint (W) | AV | 84 | AO | 84 | nvi/nvoLLSP_XXX | SNVT_temp_p |
| Lead Lag Setpoint Status | AV | 85 | AO | 85 | nvoLLSPStat_XXX | SNVT_temp_p |
| Lead Lag Slave Enable Status | AV | 86 | AO | 86 | nvoLLSIESt_XXX | SNVT_count_f |
| Lead Lag Slave Status | AV | 87 | AO | 87 | nvoLLSStat_XXX | SNVT_count_f |
| Lead Lag Time of Day Setpoint (W) | AV | 88 | AO | 88 | nvi/nvoLL_TOD_SP_XXX | SNVT_temp_p |
| Lead Lag Time of Day Setpoint Status | AV | 89 | AO | 89 | nvoLLTODSPSt_XXX | SNVT_temp_p |
| Lockout Status | AV | 90 | AO | 90 | nvoLkotStat_XXX | SNVT_count_f |
| Lockout Status1 | AV | 91 | AO | 91 | nvoLkotStat1_XXX | SNVT_count_f |
| Lockout Status2 | AV | 92 | AO | 92 | nvoLkotStat2_XXX | SNVT_count_f |
| Lockout Status3 | AV | 93 | AO | 93 | nvoLkotStat3_XXX | SNVT_count_f |
| Lockout Status4 | AV | 94 | AO | 94 | nvoLkotStat4_XXX | SNVT_count_f |
| Lockout Status5 | AV | 95 | AO | 95 | nvoLkotStat5_XXX | SNVT_count_f |
| Outdoor Frost Protection Setpoint (W) | AV | 96 | AO | 96 | nvi/nvoOdrFrPrSP_XXX | SNVT_temp_p |
| Outdoor Frost Protection Setpoint Status | AV | 97 | AO | 97 | nvoOdrFrPrSPS_XXX | SNVT_temp_p |
| Outdoor Sensor Status | AV | 98 | AO | 98 | nvoOdrSnStat_XXX | SNVT_count_f |
| Outdoor Temperature Status | AV | 99 | AO | 99 | nvoOdrTmpSta_XXX | SNVT_temp_p |
| Outlet Sensor Status | AV | 100 | AO | 100 | nvoOutSenSta_XXX | SNVT_temp_p |
| Password (W) | AV | 101 | AO | 101 | nvi/nvoPassword_XXX | SNVT_count_f |
| PSWD Status | AV | 102 | AO | 102 | nvoPSWDStat_XXX | SNVT_count_f |
| S5 (Header) Sensor Status | AV | 103 | AO | 103 | nvoS5SenStat_XXX | SNVT_temp_p |
| Slave 1 Firing Rate Status | AV | 104 | AO | 104 | nvoS1FirRtSt_XXX | SNVT_lev_percent |
| Slave 1 State Status | AV | 105 | AO | 105 | nvoS1StatSt_XXX | SNVT_count_f |
| Slave 2 Firing Rate Status | AV | 106 | AO | 106 | nvoS2FirRtSt_XXX | SNVT_lev_percent |
| Slave 2 State Status | AV | 107 | AO | 107 | nvoS2StatSt_XXX | SNVT_count_f |
| Slave 3 Firing Rate Status | AV | 108 | AO | 108 | nvoS3FirRtSt_XXX | SNVT_lev_percent |
| Slave 3 State Status | AV | 109 | AO | 109 | nvoS3StatSt_XXX | SNVT_count_f |
| Slave 4 Firing Rate Status | AV | 110 | AO | 110 | nvoS4FirRtSt_XXX | SNVT_lev_percent |
| Slave 4 State Status | AV | 111 | AO | 111 | nvoS4StatSt_XXX | SNVT_count_f |
| Slave 5 Firing Rate Status | AV | 112 | AO | 112 | nvoS5FirRtSt_XXX | SNVT_lev_percent |
| Slave 5 State Status | AV | 113 | AO | 113 | nvoS5StatSt_XXX | SNVT_count_f |
| Slave 6 Firing Rate Status | AV | 114 | AO | 114 | nvoS6FirRtSt_XXX | SNVT_lev_percent |
| Slave 6 State Status | AV | 115 | AO | 115 | nvoS6StatSt_XXX | SNVT_count_f |
| Slave 7 Firing Rate Status | AV | 116 | AO | 116 | nvoS7FirRtSt_XXX | SNVT_lev_percent |
| Slave 7 State Status | AV | 117 | AO | 117 | nvoS7StatSt_XXX | SNVT_count_f |
| Slave 8 Firing Rate Status | AV | 118 | AO | 118 | nvoS8FirRtSt_XXX | SNVT_lev_percent |
| Slave 8 State Status | AV | 119 | AO | 119 | nvoS8StatSt_XXX | SNVT_count_f |

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|---------------------------------------|----|-----|----|-----|----------------------|--------------|
| Stack Sensor Status | AV | 120 | AO | 120 | nvoStkSenSta_XXX | SNVT_temp_p |
| System Pump Cycle Count | AV | 121 | AO | 121 | nvoSysPpCyCt_XXX | SNVT_count_f |
| System Pump Cycle Count Status | AV | 122 | AO | 122 | nvoSyPpCyCtS_XXX | SNVT_count_f |
| Warm Weather Shutdown Setpoint | AV | 123 | AO | 123 | nvoWmWtShDSP_XXX | SNVT_temp_p |
| Warm Weather Shutdown Setpoint Status | AV | 124 | AO | 124 | nvoWmWtSDSPS_XXX | SNVT_temp_p |
| CH Enable (W) | BV | 1 | DO | 1 | nvi/nvoCH_Enable_XXX | SNVT_switch |
| CH Enable Status | BV | 2 | DO | 2 | nvoCHEnblSt_XXX | SNVT_switch |
| CH Frost Protection Enable (W) | BV | 3 | DO | 3 | nvi/nvoCHFrPrEn_XXX | SNVT_switch |
| CH Frost Protection Enable Status | BV | 4 | DO | 4 | nvoCHFrPrEnS_XXX | SNVT_switch |
| CH Outdoor Reset Enable (W) | BV | 5 | DO | 5 | nvoCHODrRsEn_XXX | SNVT_switch |
| CH Outdoor Reset Enable Status | BV | 6 | DO | 6 | nvoCHODrRsES_XXX | SNVT_switch |
| CH Remote Stat (W) | BV | 7 | DO | 7 | nvi/nvoCHRemStat_XXX | SNVT_switch |
| CH Remote Status | BV | 8 | DO | 8 | nvoCHRemSts_XXX | SNVT_switch |
| DHW Enable | BV | 9 | DO | 9 | nvoDHWEEnab_XXX | SNVT_switch |
| DHW Enable Status | BV | 10 | DO | 10 | nvoDHWEnStat_XXX | SNVT_switch |
| DHW Frost Protection Enable | BV | 11 | DO | 11 | nvoDHWFrPrEn_XXX | SNVT_switch |
| DHW Frost Protection Enable Status | BV | 12 | DO | 12 | nvoDHWFrPrEnS_XXX | SNVT_switch |
| Htemp HI Alarm | BV | 13 | DO | 13 | nvoHTmpHiAlm_XXX | SNVT_switch |
| Htemp Low Alarm | BV | 14 | DO | 14 | nvoHTmpLoAlm_XXX | SNVT_switch |
| Lead Lag Operation Switch (W) | BV | 15 | DO | 15 | nvi/nvoLLOpSw_XXX | SNVT_switch |
| Lead Lag Operation Switch Status | BV | 16 | DO | 16 | nvoLLOpSwSt_XXX | SNVT_switch |
| ODRTemp Hi Alarm | BV | 17 | DO | 17 | nvoODRTpHiAl_XXX | SNVT_switch |
| ODTTemp Low Alarm | BV | 18 | DO | 18 | nvoODTTpLoAl_XXX | SNVT_switch |
| Warm Weather Shutdown Enable | BV | 19 | DO | 19 | nvoWmWtShEn_XXX | SNVT_switch |
| Warm Weather Shutdown Enable Status | BV | 20 | DO | 20 | nvoWmWtShEnS_XXX | SNVT_switch |

Appendix C.2. Evergreen/SlimFit 550-750 Series 2 & 3/SlimFit 1000-2000 Series 2/SVF Models
Modbus RTU Mappings to BACnet, Metasys N2 and LonWorks

| Point Name | BACnet Object Type | BACnet Object ID | N2 Data Type | N2 Address | LonWorks Name | LonWorks SNVT |
|---------------------------------------|--------------------|------------------|--------------|------------|----------------------|---------------|
| Pad00HB | AI | 1 | AI | 1 | nvoPad00HB_XXX | SNVT_count_f |
| Boiler Model | MI | 2 | AI | 2 | nvoBlrModel_XXX | SNVT_count_f |
| U1 Sw Version | AI | 3 | AI | 3 | nvoU1SwVer_XXX | SNVT_count_f |
| U2 Sw Version | AI | 4 | AI | 4 | nvoU2SwVer_XXX | SNVT_count_f |
| NET Volts Output | AI | 5 | AI | 5 | nvoNetVltOut_XXX | SNVT_count_f |
| Relay Output Status | AI | 6 | AI | 6 | nvoRelOutSt_XXX | SNVT_count_f |
| Boiler Out 1 Temperature | AI | 7 | AI | 7 | nvoBIOut1Tmp_XXX | SNVT_count_f |
| Mod Return Temp | AI | 8 | AI | 8 | nvoModRetTmp_XXX | SNVT_count_f |
| MHEOTmp F1 | AI | 9 | AI | 9 | nvoMHEOTmpF1_XXX | SNVT_count_f |
| Active Target Supply Temperature | AI | 10 | AI | 10 | nvoActTrSpTp_XXX | SNVT_count_f |
| Mod Temp | AI | 11 | AI | 11 | nvoModTmp_XXX | SNVT_count_f |
| Fire Rate Selection | AI | 12 | AI | 12 | nvoFirRtSel_XXX | SNVT_count_f |
| Boiler Status 2 | BI | 13 | AI | 13 | nvoBlrSt2_XXX | SNVT_count_f |
| HLOReset | AI | 14 | AI | 14 | nvoHLOReset_XXX | SNVT_count_f |
| Fan Speed | AI | 15 | AI | 15 | nvoFanSpd_XXX | SNVT_count_f |
| Flame Sense Value | AI | 16 | AI | 16 | nvoFlmSenVal_XXX | SNVT_count_f |
| AvgFlameL | AI | 17 | AI | 17 | nvoAvgFlmL_XXX | SNVT_count_f |
| Slave Fire Rate Unconverted | AI | 18 | AI | 18 | nvoSIFrRtUnc_XXX | SNVT_count_f |
| Outdoor Temp | AI | 19 | AI | 19 | nvoOutdrTmp_XXX | SNVT_count_f |
| System Time (Minutes) | AV | 20 | AO | 1 | nvi/nvoSysTmMin_XXX | SNVT_count_f |
| System Time (Hours) | AV | 21 | AO | 2 | nvi/nvoSysTmHr_XXX | SNVT_count_f |
| System Date (Day) | AV | 22 | AO | 3 | nvi/nvoSysDtDay_XXX | SNVT_count_f |
| System Date (Month) | AV | 23 | AO | 4 | nvi/nvoSysDtMnt_XXX | SNVT_count_f |
| System Date (Year) | AV | 24 | AO | 5 | nvi/nvoSysDtYr_XXX | SNVT_count_f |
| 0-10V Output | AI | 25 | AI | 25 | nvoFlmShut_XXX | SNVT_count_f |
| 0-10V Output | AI | 26 | AI | 26 | nvo0_10VOut_XXX | SNVT_count_f |
| 0-10V Input | AI | 27 | AI | 27 | nvo0_10VInp_XXX | SNVT_count_f |
| Max Blower RPM | AI | 28 | AI | 28 | nvoMaxBlwRPM_XXX | SNVT_count_f |
| Flame Boost | AI | 29 | AI | 29 | nvoFlmBoost_XXX | SNVT_count_f |
| Circulator Exercise/Freeze Protection | AV | 30 | AO | 6 | nvi/nvoCircExcer_XXX | SNVT_count_f |
| Input 2 Hours RAM MSB | AI | 31 | AI | 31 | nvoIn2HrRAM_XXX | SNVT_count_f |
| Priority 1 Settings | AI | 32 | AI | 32 | nvoPr1Set_XXX | SNVT_count_f |
| Priority 1 Supply Max Target | AV | 33 | AO | 7 | nvi/nvoPr1SpMxTr_XXX | SNVT_count_f |
| Priority 1 Supply Min Target | AV | 34 | AO | 8 | nvi/nvoPr1SpMnTr_XXX | SNVT_count_f |
| Priority 1 OD Reset/Volts Max | AV | 35 | AO | 9 | nvi/nvoPr1ODRVmX_XXX | SNVT_count_f |

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|--|----|-----|----|----|-----------------------|--------------|
| Priority 1 OD Reset/Volts Min | AV | 36 | AO | 10 | nvi/nvoPr1ODRVMn_XXX | SNVT_count_f |
| Priority 1 Max Boiler Temperature | AV | 37 | AO | 11 | nvi/nvoPr1MxBITp_XXX | SNVT_count_f |
| Priority 3 Max Rate Volts | AV | 38 | AO | 12 | nvi/nvoPr3MxRtVl_XXX | SNVT_count_f |
| OAT Configuration | AI | 39 | AI | 39 | nvoOATCfg_XXX | SNVT_count_f |
| Active Network Priority's Boiler Off Diff | AI | 40 | AI | 40 | nvoAcNtPrBOD_XXX | SNVT_count_f |
| Priority 1 System On Diff | AV | 41 | AO | 13 | nvi/nvoPr1SyOnDf_XXX | SNVT_count_f |
| Priority 1 Max On Time Setting | AV | 42 | AO | 14 | nvi/nvoPr1MxOnTS_XXX | SNVT_count_f |
| Priority 1 Post Pump Time | AV | 43 | AO | 15 | nvi/nvoPr1PsPpTm_XXX | SNVT_count_f |
| Priority 1 Boost Time | AV | 44 | AO | 16 | nvi/nvoPr1BstTm_XXX | SNVT_count_f |
| Input 1 Priority | AI | 45 | AI | 45 | nvoIn1Pr_XXX | SNVT_count_f |
| Priority 1 Pre Pump Time | AV | 46 | AO | 17 | nvi/nvoPr1PrPpTm_XXX | SNVT_count_f |
| Min Blower RPM | AI | 47 | AI | 47 | nvoMnBlwRPM_XXX | SNVT_count_f |
| Priority 1 Boiler On Diff | AV | 48 | AO | 18 | nvi/nvoPr1BIOndf_XXX | SNVT_count_f |
| Priority 1 Boiler Off Diff | AV | 49 | AO | 19 | nvi/nvoPr1BIOdf_XXX | SNVT_count_f |
| Priority 1 Max Rate | AV | 50 | AO | 20 | nvi/nvoPr1MxRt_XXX | SNVT_count_f |
| Priority 1 Min Rate | AV | 51 | AO | 21 | nvi/nvoPr1MnRt_XXX | SNVT_count_f |
| Active Network Priority's Max BLR Temp | AI | 52 | AI | 52 | nvoANPMxBITp_XXX | SNVT_count_f |
| Active Network Priority's Boiler On Diff | AI | 53 | AI | 53 | nvoANPBIOndf_XXX | SNVT_count_f |
| Input 2 Hours RAM LSB | AI | 54 | AI | 54 | nvoIn2HrRAML_XXX | SNVT_count_f |
| Priority 2 Setting | AI | 55 | AI | 55 | nvoPr2Set_XXX | SNVT_count_f |
| Priority 2 Supply Max Target | AV | 56 | AO | 22 | nvi/nvoPr2SpMxTr_XXX | SNVT_count_f |
| Priority 2 Supply Min Target | AV | 57 | AO | 23 | nvi/nvoPr2SpMnTr_XXX | SNVT_count_f |
| Priority 2 OD Reset/Volts Max | AV | 58 | AO | 24 | nvi/nvoPr2ODRVMx_XXX | SNVT_count_f |
| Priority 2 OD Reset/Volts Min | AV | 59 | AO | 25 | nvi/nvoPr2ODRVMn_XXX | SNVT_count_f |
| Active Network Prepump Time | AI | 60 | AI | 60 | nvoAcNPrPpTm_XXX | SNVT_count_f |
| Ignition Counter RAM | AI | 61 | AI | 61 | nvoIgbCntRAM_XXX | SNVT_count_f |
| Priority 2 Min On Time Setting | AV | 62 | AO | 26 | nvi/nvoPr2MnOnTS_XXX | SNVT_count_f |
| Priority 2 Max On Time Setting | AV | 63 | AO | 27 | nvi/nvoPr2MxOnTS_XXX | SNVT_count_f |
| Priority 2 Post Pump Time | AV | 64 | AO | 28 | nvi/nvoPr2PsPpTm_XXX | SNVT_count_f |
| Priority 2 Boost Time | AV | 65 | AO | 29 | nvi/nvoPr2BstTm_XXX | SNVT_count_f |
| Boiler Control Type | AI | 66 | AI | 66 | nvoBlrCtrTyp_XXX | SNVT_count_f |
| Priority 1 Pre Pump Time | AV | 67 | AO | 30 | nvi/nvoPr1PrPpT2_XXX | SNVT_count_f |
| Priority 2 System Off Diff | AV | 68 | AO | 31 | nvi/nvoPr2SyOfDf_XXX | SNVT_count_f |
| Network Minimum On Time | AI | 69 | AI | 69 | nvoNetMnOnTm_XXX | SNVT_count_f |
| Priority 2 Boiler On Diff | AV | 70 | AO | 32 | nvi/nvoPr2BIOndf_XXX | SNVT_count_f |
| Priority 2 Boiler Off Diff | AV | 71 | AO | 33 | nvi/nvoPr2BIOdf_XXX | SNVT_count_f |
| Priority 2 Max Rate | AV | 72 | AO | 34 | nvi/nvoPr2MxRt_XXX | SNVT_count_f |
| Priority 2 Min Rate | AV | 73 | AO | 35 | nvi/nvoPr2MnRt_XXX | SNVT_count_f |
| Network Return Temp | AI | 74 | AI | 74 | nvoNetRetTm_XXX | SNVT_count_f |
| Local Return Temp | AI | 75 | AI | 75 | nvoLocRetTm_XXX | SNVT_count_f |
| Active Network Priority Post Pump Time | AI | 76 | AI | 76 | nvoAcNPPsPpT_XXX | SNVT_count_f |
| Single Boiler: Pri 3 Setting/Master Boiler: Network 1 Pri Setting | AI | 77 | AI | 77 | nvoSngBIP3St_XXX | SNVT_count_f |
| Priority 3/Net1 Supply Max Target | AV | 78 | AO | 36 | nvi/nvoPr3N1SMxT_XXX | SNVT_count_f |
| Priority 3/Net1 Supply Min Target | AV | 79 | AO | 37 | nvi/nvoPr3N1SMnT_XXX | SNVT_count_f |
| Priority 3/Net1 OD Reset/Volts Max | AV | 80 | AO | 38 | nvi/nvoPr3N1OVmx_XXX | SNVT_count_f |
| Priority 3/Net1 OD Reset/Volts Min | AV | 81 | AO | 39 | nvi/nvoPr3N1OVMn_XXX | SNVT_count_f |
| Network Max On Time | AI | 82 | AI | 82 | nvoNetMxOnTm_XXX | SNVT_count_f |
| Priority 3/Net1 System On Diff | AV | 83 | AO | 40 | nvi/nvoPr3N1SOnD_XXX | SNVT_count_f |
| Priority 3 Min On Time Setting | AV | 84 | AO | 41 | nvi/nvoPr3MnOnTS_XXX | SNVT_count_f |
| Priority 3/Net1 System Off Diff | AV | 85 | AO | 42 | nvi/nvoPr3N1SOfd_XXX | SNVT_count_f |
| Priority 3/Net1 Post Pump Time | AV | 86 | AO | 43 | nvi/nvoP3N1PsPpTm_XXX | SNVT_count_f |
| Priority 3/Net1 Boost Time | AV | 87 | AO | 44 | nvi/nvoP3N1BstTm_XXX | SNVT_count_f |
| Priority 2 Max Boiler Temperature | AV | 88 | AO | 45 | nvi/nvoP2MxBITp_XXX | SNVT_count_f |
| Priority 3/Net1 Pre Pump Time | AV | 89 | AO | 46 | nvi/nvoP3N1PrPpTm_XXX | SNVT_count_f |
| Boiler Status 3 | AI | 90 | AI | 90 | nvoBlrSt3_XXX | SNVT_count_f |
| Network Modulation Rate | AI | 91 | AI | 91 | nvoNetModRt_XXX | SNVT_count_f |
| Priority 3/Net1 Boiler On Diff | AV | 92 | AO | 47 | nvi/nvoPr3N1BOnd_XXX | SNVT_count_f |
| Priority 3/Net1 Boiler Off Diff | AV | 93 | AO | 48 | nvi/nvoPr3N1BOfd_XXX | SNVT_count_f |
| Priority 3 Max Rate (for single) | AV | 94 | AO | 49 | nvi/nvoPr3MxRtSn_XXX | SNVT_count_f |
| Priority 3 Min Rate (for single) | AV | 95 | AO | 50 | nvi/nvoPr3MnRtSn_XXX | SNVT_count_f |
| P3 Max Boiler Temp | AV | 96 | AO | 51 | nvi/nvoP3MxBITp_XXX | SNVT_count_f |
| Network Run Pumps | AI | 97 | AI | 97 | nvoNetRunPps_XXX | SNVT_count_f |
| High Limit Temp | AV | 98 | AO | 52 | nvi/nvoHiLimTm_XXX | SNVT_count_f |
| WWSD Temp | AV | 99 | AO | 53 | nvi/nvoWWSDTm_XXX | SNVT_count_f |
| P1 More Settings | AV | 100 | AO | 54 | nvi/nvoP1MoreSet_XXX | SNVT_count_f |
| P1 Min Rate Volts | AV | 101 | AO | 55 | nvi/nvoP1MnRtVlt_XXX | SNVT_count_f |
| P2 More Settings | AV | 102 | AO | 56 | nvi/nvoP2MoreSet_XXX | SNVT_count_f |
| Outdoor Temp Correction | AV | 103 | AO | 57 | nvi/nvoOtdTmCor_XXX | SNVT_count_f |

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|--|----|-----|----|-----|----------------------|--------------|
| P3 More Settings | AV | 104 | AO | 58 | nvi/nvoP3MoreSet_XXX | SNVT_count_f |
| Input 2 Hours LSB | AI | 105 | AI | 105 | nvoln2HrLSB_XXX | SNVT_count_f |
| P1 System Off Diff | AV | 106 | AO | 59 | nvi/nvoP1SyOfDf_XXX | SNVT_count_f |
| Input 2 Hours MSB | AI | 107 | AI | 107 | nvoln2HrMSB_XXX | SNVT_count_f |
| P2 Min Rate Volts | AV | 108 | AO | 60 | nvi/nvoP2MnRtVlt_XXX | SNVT_count_f |
| Boiler Model Number | AI | 109 | AI | 109 | nvoBlrMdlNm_XXX | SNVT_count_f |
| P3 Min rate Volts | AV | 110 | AO | 61 | nvi/nvoP3MnRtVlt_XXX | SNVT_count_f |
| Input 1 Hours MSB | AI | 111 | AI | 111 | nvoln1HrMSB_XXX | SNVT_count_f |
| Input 1 Hours LSB | AI | 112 | AI | 112 | nvoln1HrLSB_XXX | SNVT_count_f |
| Input 1 Hours RAM MSB | AI | 113 | AI | 113 | nvoln1HrRAMM_XXX | SNVT_count_f |
| Input 1 Hours RAM LSB | AI | 114 | AI | 114 | nvoln1HrRAML_XXX | SNVT_count_f |
| P2 System On Diff | AV | 115 | AO | 62 | nvi/nvoP2SyOnDf_XXX | SNVT_count_f |
| P1 Response Time | AV | 116 | AO | 63 | nvi/nvoP1RespTm_XXX | SNVT_count_f |
| P2 Response Time | AV | 117 | AO | 64 | nvi/nvoP2RespTm_XXX | SNVT_count_f |
| P3 Response Time | AV | 118 | AO | 65 | nvi/nvoP3RespTm_XXX | SNVT_count_f |
| Network Hours LSB | AI | 119 | AI | 119 | nvoNetHrLSB_XXX | SNVT_count_f |
| Ignition Speed | AI | 120 | AI | 120 | nvolgnSpd_XXX | SNVT_count_f |
| Input 2 Priority | AI | 121 | AI | 121 | nvoln2Pr_XXX | SNVT_count_f |
| Input 3 Priority | AI | 122 | AI | 122 | nvoln3Pr_XXX | SNVT_count_f |
| Ignition Counts | AI | 123 | AI | 123 | nvolgnCnts_XXX | SNVT_count_f |
| Burner Hours | AI | 124 | AI | 124 | nvoBrnHr_XXX | SNVT_count_f |
| Burner Hours RAM | AI | 125 | AI | 125 | nvoBrnHrRAM_XXX | SNVT_count_f |
| Reset Factory MSB | AI | 126 | AI | 126 | nvoResFactM_XXX | SNVT_count_f |
| Reset Factory LSB | AI | 127 | AI | 127 | nvoResFactL_XXX | SNVT_count_f |
| Network Hours MSB | AI | 128 | AI | 128 | nvoNetHrM_XXX | SNVT_count_f |
| Boiler Out 1 | MI | 129 | AI | 129 | nvoBlrOut1_XXX | SNVT_count_f |
| Network Hours RAM MSB | AI | 130 | AI | 130 | nvoNetHrRAMM_XXX | SNVT_count_f |
| Network Hours RAM LSB | AI | 131 | AI | 131 | nvoNetHrRAML_XXX | SNVT_count_f |
| Boiler Out 2 | MI | 132 | AI | 132 | nvoBlrOut2_XXX | SNVT_count_f |
| Heat Xchgr 1 | AI | 133 | AI | 133 | nvoHeatXchg1_XXX | SNVT_count_f |
| Max EE | AI | 134 | AI | 134 | nvoMxEE_XXX | SNVT_count_f |
| Heat Xchgr 2 | AI | 135 | AI | 135 | nvoHeatXchg2_XXX | SNVT_count_f |
| Available to run | AI | 136 | AI | 136 | nvoAvailToRn_XXX | SNVT_count_f |
| Boiler In Temperature | MI | 137 | AI | 137 | nvoBlrInTmp_XXX | SNVT_count_f |
| Boiler Status | MI | 138 | AI | 138 | nvoBlrSt_XXX | SNVT_count_f |
| bHeatXchgrIn2 | AI | 139 | AI | 139 | nvoBhtXchIn2_XXX | SNVT_count_f |
| Input Status | AI | 140 | AI | 140 | nvolnSt_XXX | SNVT_count_f |
| Flue Temperature 1 | MI | 141 | AI | 141 | nvoFlueTmp1_XXX | SNVT_count_f |
| Local Supply Temp | AI | 142 | AI | 142 | nvoLocSupTmp_XXX | SNVT_count_f |
| Flue Temperature 2 | MI | 143 | AI | 143 | nvoFlueTmp2_XXX | SNVT_count_f |
| P1 Max Rate Volts | AI | 144 | AI | 144 | nvoP1MxRtVl_XXX | SNVT_count_f |
| bDHWsensor1 | AI | 145 | AI | 145 | nvoBDHWSen1_XXX | SNVT_count_f |
| Local Outdoor Temperature | MI | 146 | AI | 146 | nvoLocOdrTmp_XXX | SNVT_count_f |
| bDHWsensor2 | AI | 147 | AI | 147 | nvoBDHWSen2_XXX | SNVT_count_f |
| Network Outdoor Temperature | MI | 148 | AI | 148 | nvoNetOdrTmp_XXX | SNVT_count_f |
| Network Supply Temperature | MI | 149 | AI | 149 | nvoNetSupTmp_XXX | SNVT_count_f |
| Local Supply Temperature | AI | 150 | AI | 150 | nvoLocSupTp2_XXX | SNVT_count_f |
| Local Return Temperature | AI | 151 | AI | 151 | nvoLocRetTp2_XXX | SNVT_count_f |
| Input 3 Hours MSB | AI | 152 | AI | 152 | nvoln3HrM_XXX | SNVT_count_f |
| Input 3 Hours LSB | AI | 153 | AI | 153 | nvoln3HrL_XXX | SNVT_count_f |
| Bad EEPROM Count | AI | 154 | AI | 154 | nvoBdEEPROMCt_XXX | SNVT_count_f |
| Bad Ram Count | AI | 155 | AI | 155 | nvoBadRamCnt_XXX | SNVT_count_f |
| Default Count | AI | 156 | AI | 156 | nvoDefltCnt_XXX | SNVT_count_f |
| Ignition Retries | AI | 157 | AI | 157 | nvolgnRetr_XXX | SNVT_count_f |
| Lockout History 1 Expansion Board Errors | AI | 158 | AI | 158 | nvoHs1ExBdEr_XXX | SNVT_count_f |
| Manual Lockout Count | AI | 159 | AI | 159 | nvoManLckCnt_XXX | SNVT_count_f |
| Sensor Warnings | AI | 160 | AI | 160 | nvoSenWarn_XXX | SNVT_count_f |
| Auto Lockout Count | AI | 161 | AI | 161 | nvoAutLcotCt_XXX | SNVT_count_f |
| Lockout History 1 Hard Lockout Errors | AI | 162 | AI | 162 | nvoHs1HdLkEr_XXX | SNVT_count_f |
| Lockout History 1 Soft Lockout Errors | AI | 163 | AI | 163 | nvoHs1StLkEr_XXX | SNVT_count_f |
| Lockout History 1 Minutes | AI | 164 | AI | 164 | nvoHs1Mnutes_XXX | SNVT_count_f |
| Lockout History 1 Hours | AI | 165 | AI | 165 | nvoHs1Hr_XXX | SNVT_count_f |
| Lockout History 1 Day | AI | 166 | AI | 166 | nvoHs1Day_XXX | SNVT_count_f |
| Lockout History 1 Month | AI | 167 | AI | 167 | nvoHs1Month_XXX | SNVT_count_f |
| Lockout History 1 Year | AI | 168 | AI | 168 | nvoHs1Year_XXX | SNVT_count_f |
| Lockout History 1 Boiler Model | AI | 169 | AI | 169 | nvoHs1BlrMod_XXX | SNVT_count_f |
| Lockout History 1 Input Status | AI | 170 | AI | 170 | nvoHs1InSt_XXX | SNVT_count_f |
| Lockout History 1 Relay Output Status | AI | 171 | AI | 171 | nvoHs1RIOtSt_XXX | SNVT_count_f |
| Lockout History 1 Flame Signal MSB | AI | 172 | AI | 172 | nvoHs1FISigM_XXX | SNVT_count_f |

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|---|----|-----|----|-----|------------------|--------------|
| Lockout History 1 Flame Signal LSB | AI | 173 | AI | 173 | nvoHs1FISigL_XXX | SNVT_count_f |
| Lockout History 1 Outdoor Temperature | AI | 174 | AI | 174 | nvoHs1OdrTmp_XXX | SNVT_count_f |
| Lockout History 1 Flue Temperature 2 | AI | 175 | AI | 175 | nvoHs1FITp2_XXX | SNVT_count_f |
| Lockout History 1 Boiler Out Temp 2 | AI | 176 | AI | 176 | nvoHs1BIOtT2_XXX | SNVT_count_f |
| Lockout History 1 Boiler In Temp 2 | AI | 177 | AI | 177 | nvoHs1BInT2_XXX | SNVT_count_f |
| bErrSDW | AI | 178 | AI | 178 | nvobErrSDW_XXX | SNVT_count_f |
| Lockout History 1 Flue Temperature 1 | AI | 179 | AI | 179 | nvoHs1FITp1_XXX | SNVT_count_f |
| Lockout History 1 Boiler Out Temp 1 | AI | 180 | AI | 180 | nvoHs1BIOtT1_XXX | SNVT_count_f |
| Lockout History 1 Heat Exchanger Temp 1 | AI | 181 | AI | 181 | nvoHs1BInT1_XXX | SNVT_count_f |
| Lockout History 1 Supply Temperature | AI | 182 | AI | 182 | nvoHs1SupTmp_XXX | SNVT_count_f |
| Lockout History 1 Return Temperature | AI | 183 | AI | 183 | nvoHs1RetTmp_XXX | SNVT_count_f |
| Lockout History 1 Boiler In Temp 1 | AI | 184 | AI | 184 | nvobErrMHI_XXX | SNVT_count_f |
| Lockout History 1 0-10V Output | AI | 185 | AI | 185 | nvoHs10_10Ot_XXX | SNVT_count_f |
| Lockout History 1 Blower Speed (RPM) | AI | 186 | AI | 186 | nvoHs1BlwSpd_XXX | SNVT_count_f |
| Lockout History 2 Hard Lockout Errors | AI | 187 | AI | 187 | nvoHs2HdLkEr_XXX | SNVT_count_f |
| Lockout History 2 Soft Lockout Errors | AI | 188 | AI | 188 | nvoHs2StLkEr_XXX | SNVT_count_f |
| Lockout History 2 Minutes | AI | 189 | AI | 189 | nvoHs2Mnutes_XXX | SNVT_count_f |
| Lockout History 2 Hours | AI | 190 | AI | 190 | nvoHs2Hr_XXX | SNVT_count_f |
| Lockout History 2 Day | AI | 191 | AI | 191 | nvoHs2Day_XXX | SNVT_count_f |
| Lockout History 2 Month | AI | 192 | AI | 192 | nvoHs2Month_XXX | SNVT_count_f |
| Lockout History 2 Year | AI | 193 | AI | 193 | nvoHs2Year_XXX | SNVT_count_f |
| Lockout History 2 Boiler Model | AI | 194 | AI | 194 | nvoHs2BlrMod_XXX | SNVT_count_f |
| Lockout History 2 Input Status | AI | 195 | AI | 195 | nvoHs2InSt_XXX | SNVT_count_f |
| Lockout History 2 Relay Output Status | AI | 196 | AI | 196 | nvoHs2RIOtSt_XXX | SNVT_count_f |
| Lockout History 2 Flame Signal MSB | AI | 197 | AI | 197 | nvoHs2FISigM_XXX | SNVT_count_f |
| Lockout History 2 Flame Signal LSB | AI | 198 | AI | 198 | nvoHs2FISigL_XXX | SNVT_count_f |
| Lockout History 2 Outdoor Temperature | AI | 199 | AI | 199 | nvoHs2OdrTmp_XXX | SNVT_count_f |
| Lockout History 2 Flue Temperature 2 | AI | 200 | AI | 200 | nvoHs2FITp2_XXX | SNVT_count_f |
| Lockout History 2 Boiler Out Temp 2 | AI | 201 | AI | 201 | nvoHs2BIOtT2_XXX | SNVT_count_f |
| Lockout History 2 Boiler In Temp 2 | AI | 202 | AI | 202 | nvoHs2BInT2_XXX | SNVT_count_f |
| bH1ErrSDW | AI | 203 | AI | 203 | nvobH1ErrSDW_XXX | SNVT_count_f |
| Lockout History 2 Flue Temperature 1 | AI | 204 | AI | 204 | nvoHs2FITp1_XXX | SNVT_count_f |
| Lockout History 2 Boiler Out Temp 1 | AI | 205 | AI | 205 | nvoHs2BIOtT1_XXX | SNVT_count_f |
| Lockout History 2 Heat Exchanger Temp 1 | AI | 206 | AI | 206 | nvoHs2BInT1_XXX | SNVT_count_f |
| Lockout History 2 Supply Temperature | AI | 207 | AI | 207 | nvoHs2SupTmp_XXX | SNVT_count_f |
| Lockout History 2 Return Temperature | AI | 208 | AI | 208 | nvoHs2RetTmp_XXX | SNVT_count_f |
| Lockout History 2 Boiler In Temp 1 | AI | 209 | AI | 209 | nvobH1ErrMHI_XXX | SNVT_count_f |
| Lockout History 2 0-10V Output | AI | 210 | AI | 210 | nvoHs20_10Ot_XXX | SNVT_count_f |
| Lockout History 2 Blower Speed (RPM) | AI | 211 | AI | 211 | nvoHs2BlwSpd_XXX | SNVT_count_f |
| Lockout History 3 Hard Lockout Errors | AI | 212 | AI | 212 | nvoHs3HdLkEr_XXX | SNVT_count_f |
| Lockout History 3 Soft Lockout Errors | AI | 213 | AI | 213 | nvoHs3StLkEr_XXX | SNVT_count_f |
| Lockout History 3 Minutes | AI | 214 | AI | 214 | nvoHs3Mnutes_XXX | SNVT_count_f |
| Lockout History 3 Hours | AI | 215 | AI | 215 | nvoHs3Hr_XXX | SNVT_count_f |
| Lockout History 3 Day | AI | 216 | AI | 216 | nvoHs3Day_XXX | SNVT_count_f |
| Lockout History 3 Month | AI | 217 | AI | 217 | nvoHs3Month_XXX | SNVT_count_f |
| Lockout History 3 Year | AI | 218 | AI | 218 | nvoHs3Year_XXX | SNVT_count_f |
| Lockout History 3 Boiler Model | AI | 219 | AI | 219 | nvoHs3BlrMod_XXX | SNVT_count_f |
| Lockout History 3 Input Status | AI | 220 | AI | 220 | nvoHs3InSt_XXX | SNVT_count_f |
| Lockout History 3 Relay Output Status | AI | 221 | AI | 221 | nvoHs3RIOtSt_XXX | SNVT_count_f |
| Lockout History 3 Flame Signal MSB | AI | 222 | AI | 222 | nvoHs3FISigM_XXX | SNVT_count_f |
| Lockout History 3 Flame Signal LSB | AI | 223 | AI | 223 | nvoHs3FISigL_XXX | SNVT_count_f |
| Lockout History 3 Outdoor Temperature | AI | 224 | AI | 224 | nvoHs3OdrTmp_XXX | SNVT_count_f |
| Lockout History 3 Flue Temperature 2 | AI | 225 | AI | 225 | nvoHs3FITp2_XXX | SNVT_count_f |
| Lockout History 3 Boiler Out Temp 2 | AI | 226 | AI | 226 | nvoHs3BIOtT2_XXX | SNVT_count_f |
| Lockout History 3 Boiler In Temp 2 | AI | 227 | AI | 227 | nvoHs3BInT2_XXX | SNVT_count_f |
| bH1ErrSDW | AI | 228 | AI | 228 | nvobH1ErSDW_XXX | SNVT_count_f |
| Lockout History 3 Flue Temperature 1 | AI | 229 | AI | 229 | nvoHs3FITp1_XXX | SNVT_count_f |
| Lockout History 3 Boiler Out Temp 1 | AI | 230 | AI | 230 | nvoHs3BIOtT1_XXX | SNVT_count_f |
| Lockout History 3 Heat Exchanger Temp 1 | AI | 231 | AI | 231 | nvoHs3BInT1_XXX | SNVT_count_f |
| Lockout History 3 Supply Temperature | AI | 232 | AI | 232 | nvoHs3SupTmp_XXX | SNVT_count_f |
| Lockout History 3 Return Temperature | AI | 233 | AI | 233 | nvoHs3RetTmp_XXX | SNVT_count_f |
| Lockout History 3 Boiler In Temp 1 | AI | 234 | AI | 234 | nvobH1ErMHI_XXX | SNVT_count_f |
| Lockout History 3 0-10V Output | AI | 235 | AI | 235 | nvoHs30_10Ot_XXX | SNVT_count_f |
| Lockout History 3 Blower Speed (RPM) | AI | 236 | AI | 236 | nvoHs3BlwSpd_XXX | SNVT_count_f |
| P2 Max Rate Volts | AI | 237 | AI | 237 | nvoP2MxRtVl_XXX | SNVT_count_f |
| Clear Error History | AI | 238 | AI | 238 | nvoClrErrHis_XXX | SNVT_count_f |
| Installer Name 1 | AI | 239 | AI | 239 | nvoInsName1_XXX | SNVT_count_f |
| Installer Name 2 | AI | 240 | AI | 240 | nvoInsName2_XXX | SNVT_count_f |
| Installer Name 3 | AI | 241 | AI | 241 | nvoInsName3_XXX | SNVT_count_f |

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|--|----|-----|-----|-----|----------------------|--------------|
| Installer Name 4 | AI | 242 | AI | 242 | nvolnsName4_XXX | SNVT_count_f |
| Installer Name 5 | AI | 243 | AI | 243 | nvolnsName5_XXX | SNVT_count_f |
| Installer Name 6 | AI | 244 | AI | 244 | nvolnsName6_XXX | SNVT_count_f |
| Installer Name 7 | AI | 245 | AI | 245 | nvolnsName7_XXX | SNVT_count_f |
| Installer Name 8 | AI | 246 | AI | 246 | nvolnsName8_XXX | SNVT_count_f |
| Installer Name 9 | AI | 247 | AI | 247 | nvolnsName9_XXX | SNVT_count_f |
| Installer Name 10 | AI | 248 | AI | 248 | nvolnsName10_XXX | SNVT_count_f |
| Installer Name 11 | AI | 249 | AI | 249 | nvolnsName11_XXX | SNVT_count_f |
| Installer Name 12 | AI | 250 | AI | 250 | nvolnsName12_XXX | SNVT_count_f |
| Installer Name 13 | AI | 251 | AI | 251 | nvolnsName13_XXX | SNVT_count_f |
| Installer Name 14 | AI | 252 | AI | 252 | nvolnsName14_XXX | SNVT_count_f |
| Installer Name 15 | AI | 253 | AI | 253 | nvolnsName15_XXX | SNVT_count_f |
| bPad88LB | AI | 254 | AI | 254 | nvobPad88LB_XXX | SNVT_count_f |
| Installer Phone 1 | AI | 255 | AI | 255 | nvolnsPhn1_XXX | SNVT_count_f |
| Installer Phone 2 | AI | 256 | AI | 256 | nvolnsPhn2_XXX | SNVT_count_f |
| Installer Phone 3 | AI | 257 | ADI | 1 | nvolnsPhn3_XXX | SNVT_count_f |
| Installer Phone 4 | AI | 258 | ADI | 2 | nvolnsPhn4_XXX | SNVT_count_f |
| Installer Phone 5 | AI | 259 | ADI | 3 | nvolnsPhn5_XXX | SNVT_count_f |
| Installer Phone 6 | AI | 260 | ADI | 4 | nvolnsPhn6_XXX | SNVT_count_f |
| Last Maintenance Reminder Month | AI | 261 | ADI | 5 | nvoLMntRmMnt_XXX | SNVT_count_f |
| Last Maintenance Reminder Day | AI | 262 | ADI | 6 | nvoLMntRmDay_XXX | SNVT_count_f |
| Last Maintenance Reminder Year | AI | 263 | ADI | 7 | nvoLMntRmYr_XXX | SNVT_count_f |
| Maintenance Reminder Interval | AV | 264 | AO | 66 | nvi/nvoMntRmIntv_XXX | SNVT_count_f |
| Installation Month | AI | 265 | ADI | 8 | nvolnstMnt_XXX | SNVT_count_f |
| Installation Day | AI | 266 | ADI | 9 | nvolnstDay_XXX | SNVT_count_f |
| Installation Year | AI | 267 | ADI | 10 | nvolnstYr_XXX | SNVT_count_f |
| Last Maintenance Performed Month | AI | 268 | ADI | 11 | nvoLMntPrMnt_XXX | SNVT_count_f |
| Last Maintenance Performed Day | AI | 269 | ADI | 12 | nvoLMntPrDay_XXX | SNVT_count_f |
| Last Maintenance Performed Year | AI | 270 | ADI | 13 | nvoLMntPrYr_XXX | SNVT_count_f |
| Boiler CP Number 1 | AI | 271 | ADI | 14 | nvoBICPNum1_XXX | SNVT_count_f |
| Boiler CP Number 2 | AI | 272 | ADI | 15 | nvoBICPNum2_XXX | SNVT_count_f |
| Boiler CP Number 3 | AI | 273 | ADI | 16 | nvoBICPNum3_XXX | SNVT_count_f |
| Boiler CP Number 4 | AI | 274 | ADI | 17 | nvoBICPNum4_XXX | SNVT_count_f |
| Boiler CP Number 5 | AI | 275 | ADI | 18 | nvoBICPNum5_XXX | SNVT_count_f |
| Boiler CP Number 6 | AI | 276 | ADI | 19 | nvoBICPNum6_XXX | SNVT_count_f |
| Boiler CP Number 7 | AI | 277 | ADI | 20 | nvoBICPNum7_XXX | SNVT_count_f |
| blnstModeNumber | AI | 278 | ADI | 21 | nvoblnsModNm_XXX | SNVT_count_f |
| bUTTest2 | AI | 279 | ADI | 22 | nvobUTTest2_XXX | SNVT_count_f |
| bUTTest1 | AI | 280 | ADI | 23 | nvobUTTest1_XXX | SNVT_count_f |
| bCrntErrFR | AI | 281 | ADI | 24 | nvobCrntErrFR_XXX | SNVT_count_f |
| bH1ErrFR | AI | 282 | ADI | 25 | nvobH1ErrFR_XXX | SNVT_count_f |
| bH2ErrFR | AI | 283 | ADI | 26 | nvobH2ErrFR_XXX | SNVT_count_f |
| bCrntErrExpBrd | AI | 284 | ADI | 27 | nvobCrErEpBd_XXX | SNVT_count_f |
| Lockout History 2 Expansion Board Errors | AI | 285 | ADI | 28 | nvoHs2ExBdEr_XXX | SNVT_count_f |
| Lockout History 3 Expansion Board Errors | AI | 286 | ADI | 29 | nvoHs3ExBdEr_XXX | SNVT_count_f |
| Lockout History 1 Boiler Status 2 | AI | 287 | ADI | 30 | nvoHs1BlrSt2_XXX | SNVT_count_f |
| Lockout History 2 Boiler Status 2 | AI | 288 | ADI | 31 | nvoHs2BlrSt2_XXX | SNVT_count_f |
| Lockout History 3 Boiler Status 2 | AI | 289 | ADI | 32 | nvoHs3BlrSt2_XXX | SNVT_count_f |
| Lockout History 1 10 Volt Input | AI | 290 | ADI | 33 | nvoHs110Vtln_XXX | SNVT_count_f |
| Lockout History 2 10 Volt Input | AI | 291 | ADI | 34 | nvoHs210Vtln_XXX | SNVT_count_f |
| Lockout History 3 10 Volt Input | AI | 292 | ADI | 35 | nvoHs310Vtln_XXX | SNVT_count_f |
| blnput3HoursRAM MSB | AI | 293 | ADI | 36 | nvobln3HRAMM_XXX | SNVT_count_f |
| blnput3HoursRAM LSB | AI | 294 | ADI | 37 | nvobln3HRAML_XXX | SNVT_count_f |
| Ignore Flame Signal Shutdown | AI | 295 | ADI | 38 | nvolgnFISgSh_XXX | SNVT_count_f |
| P1 ODT Setpoint | AI | 296 | ADI | 39 | nvoP1ODTSP_XXX | SNVT_count_f |
| bCommGVCtrlRd | AI | 297 | ADI | 40 | nvobCmGVCtrlRd_XXX | SNVT_count_f |
| Number of Failed Ignitions | AI | 298 | ADI | 41 | nvoNumFlIgn_XXX | SNVT_count_f |
| bExpBrdRev | AI | 299 | ADI | 42 | nvobExpBrdRv_XXX | SNVT_count_f |
| bPad9FLB | AI | 300 | ADI | 43 | nvobPad9FLB_XXX | SNVT_count_f |
| bCommGVSts1 | AI | 301 | ADI | 44 | nvobCommGVS1_XXX | SNVT_count_f |
| bCommGVSts2 | AI | 302 | ADI | 45 | nvobCommGVS2_XXX | SNVT_count_f |
| bCGVOutputs | AI | 303 | ADI | 46 | nvobCGOts_XXX | SNVT_count_f |
| bCommGVCtrl | AI | 304 | ADI | 47 | nvobCmGVCtrl_XXX | SNVT_count_f |
| P3 ODT Setpoint | AI | 305 | ADI | 48 | nvoP3ODTSP_XXX | SNVT_count_f |
| P2 ODT Setpoint | AI | 306 | ADI | 49 | nvoP2ODTSP_XXX | SNVT_count_f |
| Boiler Modulation Rate | AI | 307 | ADI | 50 | nvoBlrModRt_XXX | SNVT_count_f |
| Shadow Number | AI | 308 | ADI | 51 | nvoShadNum_XXX | SNVT_count_f |
| Max Time Network | AV | 309 | AO | 67 | nvi/nvoMxTmNet_XXX | SNVT_count_f |
| Min Time Network | AV | 310 | AO | 68 | nvi/nvoMnTmNet_XXX | SNVT_count_f |

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| Max Rate Network | AV | 311 | AO | 69 | nvi/nvoMxRtNet_XXX | SNVT_count_f |
| Min Rate Network | AV | 312 | AO | 70 | nvi/nvoMnRtNet_XXX | SNVT_count_f |
| High Temp Limit | AV | 313 | AO | 71 | nvi/nvoHiTmplim_XXX | SNVT_count_f |
| Days Passed | AI | 314 | ADI | 52 | nvoDaysPass_XXX | SNVT_count_f |
| Base Rate High | AV | 315 | AO | 72 | nvi/nvoBaseRtHi_XXX | SNVT_count_f |
| Base Rate Low | AV | 316 | AO | 73 | nvi/nvoBaseRtLo_XXX | SNVT_count_f |
| Sequence Type | AI | 317 | ADI | 53 | nvoSeqType_XXX | SNVT_count_f |
| Boiler Rotation Method | AV | 318 | AO | 74 | nvi/nvoBlrRotMth_XXX | SNVT_count_f |
| Force Lead Rotate | AV | 319 | AO | 75 | nvi/nvoFrcLdRot_XXX | SNVT_count_f |
| User Mode | AI | 320 | ADI | 54 | nvoUserMode_XXX | SNVT_count_f |
| Net1 P Gain Adjust | AI | 321 | ADI | 55 | nvoN1PGnAdj_XXX | SNVT_count_f |
| Net1 I Gain Adjust | AI | 322 | ADI | 56 | nvoN1IGnAdj_XXX | SNVT_count_f |
| Net1 Maximum Step Size | AI | 323 | ADI | 57 | nvoN1MxStpSz_XXX | SNVT_count_f |
| Net1 Minimum Step Size | AI | 324 | ADI | 58 | nvoN1MnStpSz_XXX | SNVT_count_f |
| Net2 P Gain Adjust | AI | 325 | ADI | 59 | nvoN2PGnAdj_XXX | SNVT_count_f |
| Net2 I Gain Adjust | AI | 326 | ADI | 60 | nvoN2IGnAdj_XXX | SNVT_count_f |
| Net2 Maximum Step Size | AI | 327 | ADI | 61 | nvoN2MxStpSz_XXX | SNVT_count_f |
| Net2 Minimum Step Size | AI | 328 | ADI | 62 | nvoN2MnStpSz_XXX | SNVT_count_f |
| Modify Equation | AI | 329 | ADI | 63 | nvoModEqu_XXX | SNVT_count_f |
| Net1 Priority System Add Boiler Diff | AV | 330 | AO | 76 | nvi/nvoN1PrSABDf_XXX | SNVT_count_f |
| Net1 Priority System Drop Boiler Diff | AV | 331 | AO | 77 | nvi/nvoN1PrSDBDf_XXX | SNVT_count_f |
| Net1 Priority Mod Delay Time | AV | 332 | AO | 78 | nvi/nvoN1PrMdDkT_XXX | SNVT_count_f |
| Net1 Priority Stabilization Time | AV | 333 | AO | 79 | nvi/nvoN1PrStbTm_XXX | SNVT_count_f |
| Net1 Priority Drop Delay Time | AV | 334 | AO | 80 | nvi/nvoN1PrDrDIT_XXX | SNVT_count_f |
| Net1 Priority Max Sys Rate | AI | 335 | ADI | 64 | nvoN1PrMxSyR_XXX | SNVT_count_f |
| Net1 Priority Min Boilers | AI | 336 | ADI | 65 | nvoN1PrMnBlr_XXX | SNVT_count_f |
| Net1 Priority Max On Time | AV | 337 | AO | 81 | nvi/nvoN1PrMxOnT_XXX | SNVT_count_f |
| Rotation Frequency | AV | 338 | AO | 82 | nvi/nvoRotFreq_XXX | SNVT_count_f |
| Boiler Order 1 | AI | 339 | ADI | 66 | nvoBlrOrder1_XXX | SNVT_count_f |
| Boiler Order 2 | AI | 340 | ADI | 67 | nvoBlrOrder2_XXX | SNVT_count_f |
| Boiler Order 3 | AI | 341 | ADI | 68 | nvoBlrOrder3_XXX | SNVT_count_f |
| Boiler Order 4 | AI | 342 | ADI | 69 | nvoBlrOrder4_XXX | SNVT_count_f |
| Boiler Order 5 | AI | 343 | ADI | 70 | nvoBlrOrder5_XXX | SNVT_count_f |
| Boiler Order 6 | AI | 344 | ADI | 71 | nvoBlrOrder6_XXX | SNVT_count_f |
| Boiler Order 7 | AI | 345 | ADI | 72 | nvoBlrOrder7_XXX | SNVT_count_f |
| Boiler Order 8 | AI | 346 | ADI | 73 | nvoBlrOrder8_XXX | SNVT_count_f |
| Net2 Priority System Type | AV | 347 | AO | 83 | nvi/nvoN2PrSyTyp_XXX | SNVT_count_f |
| Net2 Priority target Mod Sensor | AI | 348 | ADI | 74 | nvoN2PrTrMdS_XXX | SNVT_count_f |
| Net2 Priority target Adjust | AV | 349 | AO | 84 | nvi/nvoN2PrTrAdj_XXX | SNVT_count_f |
| Net2 Priority supply Max | AV | 350 | AO | 85 | nvi/nvoN2PrSupMx_XXX | SNVT_count_f |
| Net2 Priority supply Min | AV | 351 | AO | 86 | nvi/nvoN2PrSupMn_XXX | SNVT_count_f |
| Net2 Priority Outdoor Reset Max | AV | 352 | AO | 87 | nvi/nvoN2PrOdRMx_XXX | SNVT_count_f |
| Net2 Priority Outdoor Reset Min | AV | 353 | AO | 88 | nvi/nvoN2PrOdRMn_XXX | SNVT_count_f |
| Net2 Priority Volts Max | AV | 354 | AO | 89 | nvi/nvoN2PrVltMx_XXX | SNVT_count_f |
| Net2 Priority Volts Min | AV | 355 | AO | 90 | nvi/nvoN2PrVltMn_XXX | SNVT_count_f |
| Net2 Priority Boost Time | AV | 356 | AO | 91 | nvi/nvoN2PrBstTm_XXX | SNVT_count_f |
| Net2 Priority System Off Differential | AV | 357 | AO | 92 | nvi/nvoN2PrSOfDf_XXX | SNVT_count_f |
| Net2 Priority System On Differential | AV | 358 | AO | 93 | nvi/nvoN2PrSOnDf_XXX | SNVT_count_f |
| Net2 Priority System Add Boiler Differential | AV | 359 | AO | 94 | nvi/nvoN2PrSABDf_XXX | SNVT_count_f |
| Net2 Priority System Drop Boiler Diff | AV | 360 | AO | 95 | nvi/nvoN2PrSDBDf_XXX | SNVT_count_f |
| Net2 Priority Mod Delay Time | AV | 361 | AO | 96 | nvi/nvoN2PrMdDTm_XXX | SNVT_count_f |
| Net2 Priority Stabilization Time | AV | 362 | AO | 97 | nvi/nvoN2PrStbTm_XXX | SNVT_count_f |
| Net2 Priority Drop Delay Time | AV | 363 | AO | 98 | nvi/nvoN2PrDrDIT_XXX | SNVT_count_f |
| Net2 Priority Max Boiler Temp | AV | 364 | AO | 99 | nvi/nvoN2PrMxBIT_XXX | SNVT_count_f |
| Net2 Priority Boiler On Diff | AV | 365 | AO | 100 | nvi/nvoN2PrBIOnd_XXX | SNVT_count_f |
| Net2 Priority Boiler Off Diff | AV | 366 | AO | 101 | nvi/nvoN2PrBIOFd_XXX | SNVT_count_f |
| Net2 Priority Max On Time | AI | 367 | ADI | 75 | nvoN2PrMxOnT_XXX | SNVT_count_f |
| Net2 Priority Min On Time | AV | 368 | AO | 102 | nvi/nvoN2PrMnOnT_XXX | SNVT_count_f |
| Net2 Priority Run Boiler Pump | AI | 369 | ADI | 76 | nvoN2PrRnBpp_XXX | SNVT_count_f |
| Net2 Priority Run Sys Pump Aux Type | AI | 370 | ADI | 77 | nvoN2PrRSPAT_XXX | SNVT_count_f |
| Net2 Priority Pre Pump Time | AV | 371 | AO | 103 | nvi/nvoN2PrPrPpT_XXX | SNVT_count_f |
| Net2 Priority Post Pump Time | AV | 372 | AO | 104 | nvi/nvoN2PrPsPpT_XXX | SNVT_count_f |
| Net2 Priority Max Rate | AV | 373 | AO | 105 | nvi/nvoN2PrMxRt_XXX | SNVT_count_f |
| Net2 Priority Min Rate | AV | 374 | AO | 106 | nvi/nvoN2PrMnRt_XXX | SNVT_count_f |
| Net2 Priority Max Sys Rate | AV | 375 | AO | 107 | nvi/nvoN2PrMxSyRt_XXX | SNVT_count_f |
| Net2 Priority Min Boilers | AI | 376 | ADI | 78 | nvoN2PrMnBl_XXX | SNVT_count_f |
| Net2 Priority Activate Contact Setting | AV | 377 | AO | 108 | nvi/nvoN2PrAcCnS_XXX | SNVT_count_f |
| Net2 Priority Response Time | AV | 378 | AO | 109 | nvi/nvoN2PrRspTm_XXX | SNVT_count_f |
| Custom Type String 1 | AI | 379 | ADI | 79 | nvoCusStr1_XXX | SNVT_count_f |

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| Custom Type String 2 | AI | 380 | ADI | 80 | nvoCusStr2_XXX | SNVT_count_f |
| Custom Type String 3 | AI | 381 | ADI | 81 | nvoCusStr3_XXX | SNVT_count_f |
| Custom Type String 4 | AI | 382 | ADI | 82 | nvoCusStr4_XXX | SNVT_count_f |
| Custom Type String 5 | AI | 383 | ADI | 83 | nvoCusStr5_XXX | SNVT_count_f |
| Custom Type String 6 | AI | 384 | ADI | 84 | nvoCusStr6_XXX | SNVT_count_f |
| Custom Type String 7 | AI | 385 | ADI | 85 | nvoCusStr7_XXX | SNVT_count_f |
| Custom Type String 8 | AI | 386 | ADI | 86 | nvoCusStr8_XXX | SNVT_count_f |
| Custom Type String 9 | AI | 387 | ADI | 87 | nvoCusStr9_XXX | SNVT_count_f |
| Custom Type String 10 | AI | 388 | ADI | 88 | nvoCusStr10_XXX | SNVT_count_f |
| Custom Type String 11 | AI | 389 | ADI | 89 | nvoCusStr11_XXX | SNVT_count_f |
| Custom Type String 12 | AI | 390 | ADI | 90 | nvoCusStr12_XXX | SNVT_count_f |
| Custom Type String 13 | AI | 391 | ADI | 91 | nvoCusStr13_XXX | SNVT_count_f |
| Master Boiler Commanded Pump Running Bits 1 | AI | 392 | ADI | 92 | nvoMBCmPRnB1_XXX | SNVT_count_f |
| Master Boiler Commanded Pump Running Bits 2 | AI | 393 | ADI | 93 | nvoMBCmPRnB2_XXX | SNVT_count_f |
| Master Boiler Commanded Pump Running Bits 3 | AI | 394 | ADI | 94 | nvoMBCmPRnB3_XXX | SNVT_count_f |
| Master Boiler Commanded Pump Running Bits 4 | AI | 395 | ADI | 95 | nvoMBCmPRnB4_XXX | SNVT_count_f |
| Master Boiler Commanded Pump Running Bits 5 | AI | 396 | ADI | 96 | nvoMBCmPRnB5_XXX | SNVT_count_f |
| Master Boiler Commanded Pump Running Bits 6 | AI | 397 | ADI | 97 | nvoMBCmPRnB6_XXX | SNVT_count_f |
| Master Boiler Commanded Pump Running Bits 7 | AI | 398 | ADI | 98 | nvoMBCmPRnB7_XXX | SNVT_count_f |
| Master Boiler Commanded Modulation Rates 1 | AI | 399 | ADI | 99 | nvoMBCmMdRt1_XXX | SNVT_count_f |
| Master Boiler Commanded Modulation Rates 2 | AI | 400 | ADI | 100 | nvoMBCmMdRt2_XXX | SNVT_count_f |
| Master Boiler Commanded Modulation Rates 3 | AI | 401 | ADI | 101 | nvoMBCmMdRt3_XXX | SNVT_count_f |
| Master Boiler Commanded Modulation Rates 4 | AI | 402 | ADI | 102 | nvoMBCmMdRt4_XXX | SNVT_count_f |
| Master Boiler Commanded Modulation Rates 5 | AI | 403 | ADI | 103 | nvoMBCmMdRt5_XXX | SNVT_count_f |
| Master Boiler Commanded Modulation Rates 6 | AI | 404 | ADI | 104 | nvoMBCmMdRt6_XXX | SNVT_count_f |
| Master Boiler Commanded Modulation Rates 7 | AI | 405 | ADI | 105 | nvoMBCmMdRt7_XXX | SNVT_count_f |
| Master Boiler Net1 or Net2 | AI | 406 | ADI | 106 | nvoMBN1orN2_XXX | SNVT_count_f |
| Master Boiler Max Boiler Temp | AI | 407 | ADI | 107 | nvoMBMxBITp_XXX | SNVT_count_f |
| Master Boiler Boiler On Diff | AI | 408 | ADI | 108 | nvoMBBIOndf_XXX | SNVT_count_f |
| Master Boiler Boiler Off Diff | AI | 409 | ADI | 109 | nvoMBBIOfd_XXX | SNVT_count_f |
| Master Boiler Pre Pump Time | AI | 410 | ADI | 110 | nvoMBPrPpTm_XXX | SNVT_count_f |
| Master Boiler Post Pump Time | AI | 411 | ADI | 111 | nvoMBPsPpTm_XXX | SNVT_count_f |
| Master Boiler Number of Boilers on Network | AI | 412 | ADI | 112 | nvoMBNumBINt_XXX | SNVT_count_f |
| Master Boiler Supply Temp | MI | 413 | ADI | 113 | nvoMBSupTmp_XXX | SNVT_count_f |
| Master Boiler Return Temp | MI | 414 | ADI | 114 | nvoMBRetTmp_XXX | SNVT_count_f |
| Master Boiler Outdoor Temp | AI | 415 | ADI | 115 | nvoMBOdrTmp_XXX | SNVT_count_f |
| Master Boiler System Types | AI | 416 | ADI | 116 | nvoMBSysType_XXX | SNVT_count_f |
| Shadow 2 Input 1 Priority | AI | 417 | ADI | 117 | nvoSh2In1Pr_XXX | SNVT_count_f |
| Shadow 2 Input 1 System Type | AI | 418 | ADI | 118 | nvoSh2In1STy_XXX | SNVT_count_f |
| Shadow 2 Input 2 Priority | AI | 419 | ADI | 119 | nvoSh2In2Pr_XXX | SNVT_count_f |
| Shadow 2 Input 2 System Type | AI | 420 | ADI | 120 | nvoSh2In2STy_XXX | SNVT_count_f |
| Shadow 2 Input 3 Priority | AI | 421 | ADI | 121 | nvoSh2In3Pr_XXX | SNVT_count_f |
| Shadow 2 Input 3 System Type | AI | 422 | ADI | 122 | nvoSh2In3STy_XXX | SNVT_count_f |
| Shadow 2 Input Status | AI | 423 | ADI | 123 | nvoSh2InSt_XXX | SNVT_count_f |
| Shadow 2 Boiler Status | MI | 424 | ADI | 124 | nvoSh2BlrSt_XXX | SNVT_count_f |
| Shadow 2 Supply Temp (local) | AI | 425 | ADI | 125 | nvoSh2SupTmp_XXX | SNVT_count_f |
| Shadow 2 Return Temp (local) | AI | 426 | ADI | 126 | nvoSh2RetTmp_XXX | SNVT_count_f |
| Shadow 2 Outdoor Temp (local) | AI | 427 | ADI | 127 | nvoSh2OdrTmp_XXX | SNVT_count_f |
| Shadow 2 Boiler 1 Out Temp | AI | 428 | ADI | 128 | nvoSh2B1OtTp_XXX | SNVT_count_f |
| Shadow 2 Relay Output Status | AI | 429 | ADI | 129 | nvoSh2RIOtSt_XXX | SNVT_count_f |
| Shadow 2 Model Number | AI | 430 | ADI | 130 | nvoSh2ModNum_XXX | SNVT_count_f |
| Shadow 2 Burner Hours | AI | 431 | ADI | 131 | nvoSh2BrnHr_XXX | SNVT_count_f |
| Shadow 2 Min Rate | AI | 432 | ADI | 132 | nvoSh2MnRt_XXX | SNVT_count_f |
| Shadow 2 Max Rate | AI | 433 | ADI | 133 | nvoSh2MxRt_XXX | SNVT_count_f |
| Shadow 2 Modulation Rate | AI | 434 | ADI | 134 | nvoSh2ModRt_XXX | SNVT_count_f |
| Shadow 2 Boiler Status 3 and Available Status | AI | 435 | ADI | 135 | nvoSh2BlrSt3_XXX | SNVT_count_f |
| Shadow 3 Input 1 Priority | AI | 436 | ADI | 136 | nvoSh3In1Pr_XXX | SNVT_count_f |
| Shadow 3 Input 1 System Type | AI | 437 | ADI | 137 | nvoSh3In1STy_XXX | SNVT_count_f |
| Shadow 3 Input 2 Priority | AI | 438 | ADI | 138 | nvoSh3In2Pr_XXX | SNVT_count_f |
| Shadow 3 Input 2 System Type | AI | 439 | ADI | 139 | nvoSh3In2STy_XXX | SNVT_count_f |
| Shadow 3 Input 3 Priority | AI | 440 | ADI | 140 | nvoSh3In3Pr_XXX | SNVT_count_f |
| Shadow 3 Input 3 System Type | AI | 441 | ADI | 141 | nvoSh3In3STy_XXX | SNVT_count_f |
| Shadow 3 Input Status | AI | 442 | ADI | 142 | nvoSh3InSt_XXX | SNVT_count_f |
| Shadow 3 Boiler Status | MI | 443 | ADI | 143 | nvoSh3BlrSt_XXX | SNVT_count_f |
| Shadow 3 Supply Temp (local) | AI | 444 | ADI | 144 | nvoSh3SupTmp_XXX | SNVT_count_f |
| Shadow 3 Return Temp (local) | AI | 445 | ADI | 145 | nvoSh3RetTmp_XXX | SNVT_count_f |
| Shadow 3 Outdoor Temp (local) | AI | 446 | ADI | 146 | nvoSh3OdrTmp_XXX | SNVT_count_f |
| Shadow 3 Boiler 1 Out Temp | AI | 447 | ADI | 147 | nvoSh3B1OtTp_XXX | SNVT_count_f |
| Shadow 3 Relay Output Status | AI | 448 | ADI | 148 | nvoSh3RIOtSt_XXX | SNVT_count_f |

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| Shadow 3 Model Number | AI | 449 | ADI | 149 | nvoSh3ModNum_XXX | SNVT_count_f |
| Shadow 3 Burner Hours | AI | 450 | ADI | 150 | nvoSh3BrnHr_XXX | SNVT_count_f |
| Shadow 3 Min Rate | AI | 451 | ADI | 151 | nvoSh3MnRt_XXX | SNVT_count_f |
| Shadow 3 Max Rate | AI | 452 | ADI | 152 | nvoSh3MxRt_XXX | SNVT_count_f |
| Shadow 3 Modulation Rate | AI | 453 | ADI | 153 | nvoSh3ModRt_XXX | SNVT_count_f |
| Shadow 3 Boiler Status 3 and Available Status | AI | 454 | ADI | 154 | nvoSh3BlrSt3_XXX | SNVT_count_f |
| Shadow 4 Input 1 Priority | AI | 455 | ADI | 155 | nvoSh4In1Pr_XXX | SNVT_count_f |
| Shadow 4 Input 1 System Type | AI | 456 | ADI | 156 | nvoSh4In1STy_XXX | SNVT_count_f |
| Shadow 4 Input 2 Priority | AI | 457 | ADI | 157 | nvoSh4In2Pr_XXX | SNVT_count_f |
| Shadow 4 Input 2 System Type | AI | 458 | ADI | 158 | nvoSh4In2STy_XXX | SNVT_count_f |
| Shadow 4 Input 3 Priority | AI | 459 | ADI | 159 | nvoSh4In3Pr_XXX | SNVT_count_f |
| Shadow 4 Input 3 System Type | AI | 460 | ADI | 160 | nvoSh4In3STy_XXX | SNVT_count_f |
| Shadow 4 Input Status | AI | 461 | ADI | 161 | nvoSh4InSt_XXX | SNVT_count_f |
| Shadow 4 Boiler Status | MI | 462 | ADI | 162 | nvoSh4BlrSt_XXX | SNVT_count_f |
| Shadow 4 Supply Temp (local) | AI | 463 | ADI | 163 | nvoSh4SupTmp_XXX | SNVT_count_f |
| Shadow 4 Return Temp (local) | AI | 464 | ADI | 164 | nvoSh4RetTmp_XXX | SNVT_count_f |
| Shadow 4 Outdoor Temp (local) | AI | 465 | ADI | 165 | nvoSh4OdrTmp_XXX | SNVT_count_f |
| Shadow 4 Boiler 1 Out Temp | AI | 466 | ADI | 166 | nvoSh4B1OtTp_XXX | SNVT_count_f |
| Shadow 4 Relay Output Status | AI | 467 | ADI | 167 | nvoSh4RIOtSt_XXX | SNVT_count_f |
| Shadow 4 Model Number | AI | 468 | ADI | 168 | nvoSh4ModNum_XXX | SNVT_count_f |
| Shadow 4 Burner Hours | AI | 469 | ADI | 169 | nvoSh4BrnHr_XXX | SNVT_count_f |
| Shadow 4 Min Rate | AI | 470 | ADI | 170 | nvoSh4MnRt_XXX | SNVT_count_f |
| Shadow 4 Max Rate | AI | 471 | ADI | 171 | nvoSh4MxRt_XXX | SNVT_count_f |
| Shadow 4 Modulation Rate | AI | 472 | ADI | 172 | nvoSh4ModRt_XXX | SNVT_count_f |
| Shadow 4 Boiler Status 3 and Available Status | AI | 473 | ADI | 173 | nvoSh4BlrSt3_XXX | SNVT_count_f |
| Shadow 5 Input 1 Priority | AI | 474 | ADI | 174 | nvoSh5In1Pr_XXX | SNVT_count_f |
| Shadow 5 Input 1 System Type | AI | 475 | ADI | 175 | nvoSh5In1STy_XXX | SNVT_count_f |
| Shadow 5 Input 2 Priority | AI | 476 | ADI | 176 | nvoSh5In2Pr_XXX | SNVT_count_f |
| Shadow 5 Input 2 System Type | AI | 477 | ADI | 177 | nvoSh5In2STy_XXX | SNVT_count_f |
| Shadow 5 Input 3 Priority | AI | 478 | ADI | 178 | nvoSh5In3Pr_XXX | SNVT_count_f |
| Shadow 5 Input 3 System Type | AI | 479 | ADI | 179 | nvoSh5In3STy_XXX | SNVT_count_f |
| Shadow 5 Input Status | AI | 480 | ADI | 180 | nvoSh5InSt_XXX | SNVT_count_f |
| Shadow 5 Boiler Status | MI | 481 | ADI | 181 | nvoSh5BlrSt_XXX | SNVT_count_f |
| Shadow 5 Supply Temp (local) | AI | 482 | ADI | 182 | nvoSh5SupTmp_XXX | SNVT_count_f |
| Shadow 5 Return Temp (local) | AI | 483 | ADI | 183 | nvoSh5RetTmp_XXX | SNVT_count_f |
| Shadow 5 Outdoor Temp (local) | AI | 484 | ADI | 184 | nvoSh5OdrTmp_XXX | SNVT_count_f |
| Shadow 5 Boiler 1 Out Temp | AI | 485 | ADI | 185 | nvoSh5B1OtTp_XXX | SNVT_count_f |
| Shadow 5 Relay Output Status | AI | 486 | ADI | 186 | nvoSh5RIOtSt_XXX | SNVT_count_f |
| Shadow 5 Model Number | AI | 487 | ADI | 187 | nvoSh5ModNum_XXX | SNVT_count_f |
| Shadow 5 Burner Hours | AI | 488 | ADI | 188 | nvoSh5BrnHr_XXX | SNVT_count_f |
| Shadow 5 Min Rate | AI | 489 | ADI | 189 | nvoSh5MnRt_XXX | SNVT_count_f |
| Shadow 5 Max Rate | AI | 490 | ADI | 190 | nvoSh5MxRt_XXX | SNVT_count_f |
| Shadow 5 Modulation Rate | AI | 491 | ADI | 191 | nvoSh5ModRt_XXX | SNVT_count_f |
| Shadow 5 Boiler Status 3 and Available Status | AI | 492 | ADI | 192 | nvoSh5BlrSt3_XXX | SNVT_count_f |
| Shadow 6 Input 1 Priority | AI | 493 | ADI | 193 | nvoSh6In1Pr_XXX | SNVT_count_f |
| Shadow 6 Input 1 System Type | AI | 494 | ADI | 194 | nvoSh6In1STy_XXX | SNVT_count_f |
| Shadow 6 Input 2 Priority | AI | 495 | ADI | 195 | nvoSh6In2Pr_XXX | SNVT_count_f |
| Shadow 6 Input 2 System Type | AI | 496 | ADI | 196 | nvoSh6In2STy_XXX | SNVT_count_f |
| Shadow 6 Input 3 Priority | AI | 497 | ADI | 197 | nvoSh6In3Pr_XXX | SNVT_count_f |
| Shadow 6 Input 3 System Type | AI | 498 | ADI | 198 | nvoSh6In3STy_XXX | SNVT_count_f |
| Shadow 6 Input Status | AI | 499 | ADI | 199 | nvoSh6InSt_XXX | SNVT_count_f |
| Shadow 6 Boiler Status | MI | 500 | ADI | 200 | nvoSh6BlrSt_XXX | SNVT_count_f |
| Shadow 6 Supply Temp (local) | AI | 501 | ADI | 201 | nvoSh6SupTmp_XXX | SNVT_count_f |
| Shadow 6 Return Temp (local) | AI | 502 | ADI | 202 | nvoSh6RetTmp_XXX | SNVT_count_f |
| Shadow 6 Outdoor Temp (local) | AI | 503 | ADI | 203 | nvoSh6OdrTmp_XXX | SNVT_count_f |
| Shadow 6 Boiler 1 Out Temp | AI | 504 | ADI | 204 | nvoSh6B1OtTp_XXX | SNVT_count_f |
| Shadow 6 Relay Output Status | AI | 505 | ADI | 205 | nvoSh6RIOtSt_XXX | SNVT_count_f |
| Shadow 6 Model Number | AI | 506 | ADI | 206 | nvoSh6ModNum_XXX | SNVT_count_f |
| Shadow 6 Burner Hours | AI | 507 | ADI | 207 | nvoSh6BrnHr_XXX | SNVT_count_f |
| Shadow 6 Min Rate | AI | 508 | ADI | 208 | nvoSh6MnRt_XXX | SNVT_count_f |
| Shadow 6 Max Rate | AI | 509 | ADI | 209 | nvoSh6MxRt_XXX | SNVT_count_f |
| Shadow 6 Modulation Rate | AI | 510 | ADI | 210 | nvoSh6ModRt_XXX | SNVT_count_f |
| Shadow 6 Boiler Status 3 and Available Status | AI | 511 | ADI | 211 | nvoSh6BlrSt3_XXX | SNVT_count_f |
| Shadow 7 Input 1 Priority | AI | 512 | ADI | 212 | nvoSh7In1Pr_XXX | SNVT_count_f |
| Shadow 7 Input 1 System Type | AI | 513 | ADI | 213 | nvoSh7In1STy_XXX | SNVT_count_f |
| Shadow 7 Input 2 Priority | AI | 514 | ADI | 214 | nvoSh7In2Pr_XXX | SNVT_count_f |
| Shadow 7 Input 2 System Type | AI | 515 | ADI | 215 | nvoSh7In2STy_XXX | SNVT_count_f |
| Shadow 7 Input 3 Priority | AI | 516 | ADI | 216 | nvoSh7In3Pr_XXX | SNVT_count_f |
| Shadow 7 Input 3 System Type | AI | 517 | ADI | 217 | nvoSh7In3STy_XXX | SNVT_count_f |

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| Shadow 7 Input Status | AI | 518 | ADI | 218 | nvoSh7InSt_XXX | SNVT_count_f |
| Shadow 7 Boiler Status | MI | 519 | ADI | 219 | nvoSh7BlrSt_XXX | SNVT_count_f |
| Shadow 7 Supply Temp (local) | AI | 520 | ADI | 220 | nvoSh7SupTmp_XXX | SNVT_count_f |
| Shadow 7 Return Temp (local) | AI | 521 | ADI | 221 | nvoSh7RetTmp_XXX | SNVT_count_f |
| Shadow 7 Outdoor Temp (local) | AI | 522 | ADI | 222 | nvoSh7OdrTmp_XXX | SNVT_count_f |
| Shadow 7 Boiler 1 Out Temp | AI | 523 | ADI | 223 | nvoSh7B1OtTp_XXX | SNVT_count_f |
| Shadow 7 Relay Output Status | AI | 524 | ADI | 224 | nvoSh7RIOtSt_XXX | SNVT_count_f |
| Shadow 7 Model Number | AI | 525 | ADI | 225 | nvoSh7ModNum_XXX | SNVT_count_f |
| Shadow 7 Burner Hours | AI | 526 | ADI | 226 | nvoSh7BrnHr_XXX | SNVT_count_f |
| Shadow 7 Min Rate | AI | 527 | ADI | 227 | nvoSh7MnRt_XXX | SNVT_count_f |
| Shadow 7 Max Rate | AI | 528 | ADI | 228 | nvoSh7MxRt_XXX | SNVT_count_f |
| Shadow 7 Modulation Rate | AI | 529 | ADI | 229 | nvoSh7ModRt_XXX | SNVT_count_f |
| Shadow 7 Boiler Status 3 and Available Status | AI | 530 | ADI | 230 | nvoSh7BlrSt3_XXX | SNVT_count_f |
| Shadow 8 Input 1 Priority | AI | 531 | ADI | 231 | nvoSh8In1Pr_XXX | SNVT_count_f |
| Shadow 8 Input 1 System Type | AI | 532 | ADI | 232 | nvoSh8In1STy_XXX | SNVT_count_f |
| Shadow 8 Input 2 Priority | AI | 533 | ADI | 233 | nvoSh8In2Pr_XXX | SNVT_count_f |
| Shadow 8 Input 2 System Type | AI | 534 | ADI | 234 | nvoSh8In2STy_XXX | SNVT_count_f |
| Shadow 8 Input 3 Priority | AI | 535 | ADI | 235 | nvoSh8In3Pr_XXX | SNVT_count_f |
| Shadow 8 Input 3 System Type | AI | 536 | ADI | 236 | nvoSh8In3STy_XXX | SNVT_count_f |
| Shadow 8 Input Status | AI | 537 | ADI | 237 | nvoSh8InSt_XXX | SNVT_count_f |
| Shadow 8 Boiler Status | MI | 538 | ADI | 238 | nvoSh8BlrSt_XXX | SNVT_count_f |
| Shadow 8 Supply Temp (local) | AI | 539 | ADI | 239 | nvoSh8SupTmp_XXX | SNVT_count_f |
| Shadow 8 Return Temp (local) | AI | 540 | ADI | 240 | nvoSh8RetTmp_XXX | SNVT_count_f |
| Shadow 8 Outdoor Temp (local) | AI | 541 | ADI | 241 | nvoSh8OdrTmp_XXX | SNVT_count_f |
| Shadow 8 Boiler 1 Out Temp | AI | 542 | ADI | 242 | nvoSh8B1OtTp_XXX | SNVT_count_f |
| Shadow 8 Relay Output Status | AI | 543 | ADI | 243 | nvoSh8RIOtSt_XXX | SNVT_count_f |
| Shadow 8 Model Number | AI | 544 | ADI | 244 | nvoSh8ModNum_XXX | SNVT_count_f |
| Shadow 8 Burner Hours | AI | 545 | ADI | 245 | nvoSh8BrnHr_XXX | SNVT_count_f |
| Shadow 8 Min Rate | AI | 546 | ADI | 246 | nvoSh8MnRt_XXX | SNVT_count_f |
| Shadow 8 Max Rate | AI | 547 | ADI | 247 | nvoSh8MxRt_XXX | SNVT_count_f |
| Shadow 8 Modulation Rate | AI | 548 | ADI | 248 | nvoSh8ModRt_XXX | SNVT_count_f |
| Shadow 8 Boiler Status 3 and Available Status | AI | 549 | ADI | 249 | nvoSh8BlrSt3_XXX | SNVT_count_f |
| Custom Type String 2 1 | AI | 550 | ADI | 250 | nvoCusSt2_1_XXX | SNVT_count_f |
| Custom Type String 2 2 | AI | 551 | ADI | 251 | nvoCusSt2_2_XXX | SNVT_count_f |
| Custom Type String 2 3 | AI | 552 | ADI | 252 | nvoCusSt2_3_XXX | SNVT_count_f |
| Custom Type String 2 4 | AI | 553 | ADI | 253 | nvoCusSt2_4_XXX | SNVT_count_f |
| Custom Type String 2 5 | AI | 554 | ADI | 254 | nvoCusSt2_5_XXX | SNVT_count_f |
| Custom Type String 2 6 | AI | 555 | ADI | 255 | nvoCusSt2_6_XXX | SNVT_count_f |
| Custom Type String 2 7 | AI | 556 | ADI | 256 | nvoCusSt2_7_XXX | SNVT_count_f |
| Custom Type String 2 8 | AI | 557 | ADF | 1 | nvoCusSt2_8_XXX | SNVT_count_f |
| Custom Type String 2 9 | AI | 558 | ADF | 2 | nvoCusSt2_9_XXX | SNVT_count_f |
| Custom Type String 2 10 | AI | 559 | ADF | 3 | nvoCusSt2_10_XXX | SNVT_count_f |
| Custom Type String 2 11 | AI | 560 | ADF | 4 | nvoCusSt2_11_XXX | SNVT_count_f |
| Custom Type String 2 12 | AI | 561 | ADF | 5 | nvoCusSt2_12_XXX | SNVT_count_f |
| Custom Type String 2 13 | AI | 562 | ADF | 6 | nvoCusSt2_13_XXX | SNVT_count_f |
| Custom Type String 3 1 | AI | 563 | ADF | 7 | nvoCusSt3_1_XXX | SNVT_count_f |
| Custom Type String 3 2 | AI | 564 | ADF | 8 | nvoCusSt3_2_XXX | SNVT_count_f |
| Custom Type String 3 3 | AI | 565 | ADF | 9 | nvoCusSt3_3_XXX | SNVT_count_f |
| Custom Type String 3 4 | AI | 566 | ADF | 10 | nvoCusSt3_4_XXX | SNVT_count_f |
| Custom Type String 3 5 | AI | 567 | ADF | 11 | nvoCusSt3_5_XXX | SNVT_count_f |
| Custom Type String 3 6 | AI | 568 | ADF | 12 | nvoCusSt3_6_XXX | SNVT_count_f |
| Custom Type String 3 7 | AI | 569 | ADF | 13 | nvoCusSt3_7_XXX | SNVT_count_f |
| Custom Type String 3 8 | AI | 570 | ADF | 14 | nvoCusSt3_8_XXX | SNVT_count_f |
| Custom Type String 3 9 | AI | 571 | ADF | 15 | nvoCusSt3_9_XXX | SNVT_count_f |
| Custom Type String 3 10 | AI | 572 | ADF | 16 | nvoCusSt3_10_XXX | SNVT_count_f |
| Custom Type String 3 11 | AI | 573 | ADF | 17 | nvoCusSt3_11_XXX | SNVT_count_f |
| Custom Type String 3 12 | AI | 574 | ADF | 18 | nvoCusSt3_12_XXX | SNVT_count_f |
| Custom Type String 3 13 | AI | 575 | ADF | 19 | nvoCusSt3_13_XXX | SNVT_count_f |
| Custom Type String 4 1 | AI | 576 | ADF | 20 | nvoCusSt4_1_XXX | SNVT_count_f |
| Custom Type String 4 2 | AI | 577 | ADF | 21 | nvoCusSt4_2_XXX | SNVT_count_f |
| Custom Type String 4 3 | AI | 578 | ADF | 22 | nvoCusSt4_3_XXX | SNVT_count_f |
| Custom Type String 4 4 | AI | 579 | ADF | 23 | nvoCusSt4_4_XXX | SNVT_count_f |
| Custom Type String 4 5 | AI | 580 | ADF | 24 | nvoCusSt4_5_XXX | SNVT_count_f |
| Custom Type String 4 6 | AI | 581 | ADF | 25 | nvoCusSt4_6_XXX | SNVT_count_f |
| Custom Type String 4 7 | AI | 582 | ADF | 26 | nvoCusSt4_7_XXX | SNVT_count_f |
| Custom Type String 4 8 | AI | 583 | ADF | 27 | nvoCusSt4_8_XXX | SNVT_count_f |
| Custom Type String 4 9 | AI | 584 | ADF | 28 | nvoCusSt4_9_XXX | SNVT_count_f |
| Custom Type String 4 10 | AI | 585 | ADF | 29 | nvoCusSt4_10_XXX | SNVT_count_f |
| Custom Type String 4 11 | AI | 586 | ADF | 30 | nvoCusSt4_11_XXX | SNVT_count_f |

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| Custom Type String 4 12 | AI | 587 | ADF | 31 | nvoCusSt4_12_XXX | SNVT_count_f |
| Custom Type String 4 13 | AI | 588 | ADF | 32 | nvoCusSt4_13_XXX | SNVT_count_f |
| Net Priority 1 Add Boiler Delay | AV | 589 | AO | 110 | nvi/nvoNPr1ABIDI_XXX | SNVT_count_f |
| Net Priority 2 Add Boiler Delay | AV | 590 | AO | 111 | nvi/nvoNPr2ABIDI_XXX | SNVT_count_f |
| P of the PI | AI | 591 | ADF | 33 | nvoPofthePI_XXX | SNVT_count_f |
| I of the PI | AI | 592 | ADF | 34 | nvoIofthePI_XXX | SNVT_count_f |
| PI Output t-1 | AI | 593 | ADF | 35 | nvoPIOutt_1_XXX | SNVT_count_f |
| Relay Output Gas Valve ON | BI | 594 | BD | 1 | nvoROGasVlv_XXX | SNVT_switch |
| Relay Output Circulator 1 ON | BI | 595 | BD | 2 | nvoROCirc1_XXX | SNVT_switch |
| Relay Output Circulator 2 ON | BI | 596 | BD | 3 | nvoROCirc2_XXX | SNVT_switch |
| Relay Output Circulator 3 ON | BI | 597 | BD | 4 | nvoROCirc3_XXX | SNVT_switch |
| Relay Output Additional Heat Demand ON | BI | 598 | BD | 5 | nvoROAddHtDm_XXX | SNVT_switch |
| Relay Output Boiler Circulator ON | BI | 599 | BD | 6 | nvoROBlrCirc_XXX | SNVT_switch |
| Boiler Status 2 Flue Temperature Warning | BI | 600 | BD | 7 | nvoB2FluTpWn_XXX | SNVT_switch |
| Boiler Status 2 Modulation Sensor | BI | 601 | BD | 8 | nvoB2ModSen_XXX | SNVT_switch |
| Boiler Status 2 Freeze Protection | BI | 602 | BD | 9 | nvoB2FrzPro_XXX | SNVT_switch |
| Boiler Status 2 Warm Weather Shutdown | BI | 603 | BD | 10 | nvoB2WWShdwn_XXX | SNVT_switch |
| Exercise Circulator 1 ON | BI | 604 | BD | 11 | nvoExCirc1_XXX | SNVT_switch |
| Exercise Circulator 2 ON | BI | 605 | BD | 12 | nvoExCirc2_XXX | SNVT_switch |
| Exercise Circulator 3 ON | BI | 606 | BD | 13 | nvoExCirc3_XXX | SNVT_switch |
| Exercise Boiler Circulator ON | BI | 607 | BD | 14 | nvoExeBlrCir_XXX | SNVT_switch |
| Freeze Protect Circulator 1 ON | BI | 608 | BD | 15 | nvoFrzPrCir1_XXX | SNVT_switch |
| Freeze Protect Circulator 2 ON | BI | 609 | BD | 16 | nvoFrzPrCir2_XXX | SNVT_switch |
| Freeze Protect Circulator 3 ON | BI | 610 | BD | 17 | nvoFrzPrCir3_XXX | SNVT_switch |
| Freeze Protect Boiler Circulator ON | BI | 611 | BD | 18 | nvoFrzPrBlCr_XXX | SNVT_switch |
| Priority 1 System Type | AI | 612 | BD | 19 | nvoPr1SysTyp_XXX | SNVT_count_f |
| Priority 1 Target Adjustment | AI | 613 | BD | 20 | nvoPr1TarAdj_XXX | SNVT_count_f |
| Priority 1 Run Aux Pump/Output setting | BI | 614 | BD | 21 | nvoPr1RnAxPm_XXX | SNVT_switch |
| Priority 1 Run Boiler Pump setting | BI | 615 | BD | 22 | nvoPr1RnBPSt_XXX | SNVT_switch |
| Input 1 Priority Boiler | AI | 616 | BD | 23 | nvoln1PrBlr_XXX | SNVT_count_f |
| Input 1 Aux Pump/Output Type | AI | 617 | BD | 24 | nvoln1AuxPmp_XXX | SNVT_count_f |
| Input 1 Source is set to 0-10V | BI | 618 | BD | 25 | nvoln1S0_10v_XXX | SNVT_switch |
| Priority 2 System Type | AI | 619 | BD | 26 | nvoPr2SysTyp_XXX | SNVT_count_f |
| Priority 2 Target Adjustment | AI | 620 | BD | 27 | nvoPr2TarAdj_XXX | SNVT_count_f |
| Priority 2 Run Aux Pump/Output setting | BI | 621 | BD | 28 | nvoPr2RnAxPm_XXX | SNVT_switch |
| Priority 2 Run Boiler Pump setting | BI | 622 | BD | 29 | nvoPr2RnBPSt_XXX | SNVT_switch |
| Priority 3 System Type | AI | 623 | BD | 30 | nvoPr3SysTyp_XXX | SNVT_count_f |
| Priority 3 Target Adjustment | AI | 624 | BD | 31 | nvoPr3TarAdj_XXX | SNVT_count_f |
| Priority 3 Run Aux Pump/Output setting | BI | 625 | BD | 32 | nvoPr3RnAxPm_XXX | SNVT_switch |
| Priority 3 Run Boiler Pump setting | BI | 626 | BD | 33 | nvoPr3RnBPSt_XXX | SNVT_switch |
| Target was Reduced Flue Temp | BI | 627 | BD | 34 | nvoTarRdFITp_XXX | SNVT_switch |
| Target was Reduced Boiler In Out | BI | 628 | BD | 35 | nvoTarRdBIO_XXX | SNVT_switch |
| Modulation was Reduced | BI | 629 | BD | 36 | nvoModRed_XXX | SNVT_switch |
| Turn on Additional Heat Contact | BI | 630 | BD | 37 | nvoTrnAdHtCn_XXX | SNVT_switch |
| Run Circulator 1 | BI | 631 | BD | 38 | nvoRunCirc1_XXX | SNVT_switch |
| Run Circulator 2 | BI | 632 | BD | 39 | nvoRunCirc2_XXX | SNVT_switch |
| Run Circulator 3 | BI | 633 | BD | 40 | nvoRunCirc3_XXX | SNVT_switch |
| Run Boiler Pump | BI | 634 | BD | 41 | nvoRunBlrPmp_XXX | SNVT_switch |
| P1 activate Contact Setting | AI | 635 | BD | 42 | nvoP1ActCnSt_XXX | SNVT_count_f |
| P1 target ModSensor | BI | 636 | BD | 43 | nvoP1TarMdSn_XXX | SNVT_switch |
| P1 Add Heat Temp Dep | BI | 637 | BD | 44 | nvoP1AdHtTDp_XXX | SNVT_switch |
| P1 Add Heat Below SP | AI | 638 | BD | 45 | nvoP1AdHBISP_XXX | SNVT_count_f |
| P2 activate Contact Setting | AI | 639 | BD | 46 | nvoP2ActCnSt_XXX | SNVT_count_f |
| P2 target ModSensor | BI | 640 | BD | 47 | nvoP2TarMdSn_XXX | SNVT_switch |
| P2 Add Heat Temp Dep | BI | 641 | BD | 48 | nvoP2AdHtTDp_XXX | SNVT_switch |
| P2 Add Heat Below SP | AI | 642 | BD | 49 | nvoP2AdHBISP_XXX | SNVT_count_f |
| P3 activate Contact Setting | AI | 643 | BD | 50 | nvoP3ActCnSt_XXX | SNVT_count_f |
| P3 target ModSensor | BI | 644 | BD | 51 | nvoP3TarMdSn_XXX | SNVT_switch |
| P3 Add Heat Temp Dep | BI | 645 | BD | 52 | nvoP3AdHtTDp_XXX | SNVT_switch |
| P3 Add Heat Below SP | AI | 646 | BD | 53 | nvoP3AdHBISP_XXX | SNVT_count_f |
| Input 2 Priority Boiler | AI | 647 | BD | 54 | nvoln2PrBlr_XXX | SNVT_count_f |
| Input 2 Aux Pump/Output Type | AI | 648 | BD | 55 | nvoln2AuxPmp_XXX | SNVT_count_f |
| Input 2 Source is set to 0-20V | BI | 649 | BD | 56 | nvoln2S0_20v_XXX | SNVT_switch |
| Input 3 Priority Boiler | AI | 650 | BD | 57 | nvoln3PrBlr_XXX | SNVT_count_f |
| Input 3 Aux Pump/Output Type | AI | 651 | BD | 58 | nvoln3AuxPmp_XXX | SNVT_count_f |
| Input 3 Source is set to 0-30V | BI | 652 | BD | 59 | nvoln3S0_20v_XXX | SNVT_switch |
| Boiler Status | AI | 653 | BD | 60 | nvoBlrStatus_XXX | SNVT_count_f |
| Running DHW | BI | 654 | BD | 61 | nvoRunDHW_XXX | SNVT_switch |
| Local Priority 1 Running | BI | 655 | BD | 62 | nvoLocPr1Run_XXX | SNVT_switch |

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| Local Priority 2 Running | BI | 656 | BD | 63 | nvoLocPr2Run_XXX | SNVT_switch |
| Local Priority 2 Running | BI | 657 | BD | 64 | nvoLocPr2Run_XXX | SNVT_switch |
| Input 1 active | BI | 658 | BD | 65 | nvoIn1Active_XXX | SNVT_switch |
| Input 2 active | BI | 659 | BD | 66 | nvoIn2Active_XXX | SNVT_switch |
| Input 3 active | BI | 660 | BD | 67 | nvoIn3Active_XXX | SNVT_switch |
| Manual Limit Open | BI | 661 | BD | 68 | nvoManLimOpn_XXX | SNVT_switch |
| Auto Limit Open | BI | 662 | BD | 69 | nvoAutoLimOpn_XXX | SNVT_switch |
| Low Water Cutoff Open | BI | 663 | BD | 70 | nvoLoWtCtOpn_XXX | SNVT_switch |
| Air P-Switch Open | BI | 664 | BD | 71 | nvoAirPSwOpn_XXX | SNVT_switch |
| Flow Switch Open | BI | 665 | BD | 72 | nvoFlowSwOpn_XXX | SNVT_switch |
| Supply Sensor Error | BI | 666 | BD | 73 | nvoSupSenErr_XXX | SNVT_switch |
| Return Sensor Error | BI | 667 | BD | 74 | nvoRetSenErr_XXX | SNVT_switch |
| Outdoor Temperature Sensor Error | BI | 668 | BD | 75 | nvoOutTpSnEr_XXX | SNVT_switch |
| Gas Valve Fault 1 | BI | 669 | BD | 76 | nvoGasVlvFI1_XXX | SNVT_switch |
| Gas Valve Fault 2 | BI | 670 | BD | 77 | nvoGasVlvFI2_XXX | SNVT_switch |
| Gas Valve Fault 3 | BI | 671 | BD | 78 | nvoGasVlvFI3_XXX | SNVT_switch |
| Gas Valve Fault 4 | BI | 672 | BD | 79 | nvoGasVlvFI4_XXX | SNVT_switch |
| LKHS1 Hard Flame Fault | BI | 673 | BD | 80 | nvoLK1HFImFI_XXX | SNVT_switch |
| LKHS1 Hard Ignition Fault | BI | 674 | BD | 81 | nvoLK1HIgnFI_XXX | SNVT_switch |
| LKHS1 Hard High Temp Limit | BI | 675 | BD | 82 | nvoLK1HHTpLm_XXX | SNVT_switch |
| LKHS1 Hard Blower Fault | BI | 676 | BD | 83 | nvoLK1HBlwFI_XXX | SNVT_switch |
| LKHS1 Hard Expansion Board Fault Hw Fault | BI | 677 | BD | 84 | nvoLK1HExBFI_XXX | SNVT_switch |
| LKHS1 Hard Air Pressure Switch Fault | BI | 678 | BD | 85 | nvoLK1HAPSFI_XXX | SNVT_switch |
| LKHS1 Hard Gas Valve Fault see Sensor Warnings | BI | 679 | BD | 86 | nvoLK1HGsvFI_XXX | SNVT_switch |
| LKHS1 Hard Low Water Cutoff | BI | 680 | BD | 87 | nvoLK1HLWtCt_XXX | SNVT_switch |
| LKHS1 Hard Limit Open | BI | 681 | BD | 88 | nvoLK1HLimOp_XXX | SNVT_switch |
| LKHS1 Hard Flow Switch Fault Sys Temp High Fault | BI | 682 | BD | 89 | nvoLK1HFISFI_XXX | SNVT_switch |
| LKHS1 Hard Return Water Temp High | BI | 683 | BD | 90 | nvoLK1HRWTHi_XXX | SNVT_switch |
| LKHS1 Hard Return above Supply Temp | BI | 684 | BD | 91 | nvoLK1HRSpTp_XXX | SNVT_switch |
| LKHS1 Hard Temp Rise Too Quickly | BI | 685 | BD | 92 | nvoLK1HTpRQk_XXX | SNVT_switch |
| LKHS1 Hard Supply 58F above Return | BI | 686 | BD | 93 | nvoLK1HSpARt_XXX | SNVT_switch |
| LKHS1 Hard Temperature Sensor | BI | 687 | BD | 94 | nvoLK1HTmpSn_XXX | SNVT_switch |
| LKHS1 Hard Flue Temp Too High | BI | 688 | BD | 95 | nvoLK1HFITHi_XXX | SNVT_switch |
| LKHS1 Soft Flame Fault | BI | 689 | BD | 96 | nvoLK1SFImFI_XXX | SNVT_switch |
| LKHS1 Soft Ignition Fault | BI | 690 | BD | 97 | nvoLK1SIgnFI_XXX | SNVT_switch |
| LKHS1 Soft High Temp Limit | BI | 691 | BD | 98 | nvoLK1SHTpLm_XXX | SNVT_switch |
| LKHS1 Soft Blower Fault | BI | 692 | BD | 99 | nvoLK1SBlwFI_XXX | SNVT_switch |
| LKHS1 Soft Expansion Board Fault Hw Fault | BI | 693 | BD | 100 | nvoLK1SExBFI_XXX | SNVT_switch |
| LKHS1 Soft Air Pressure Switch Fault | BI | 694 | BD | 101 | nvoLK1SAPSFI_XXX | SNVT_switch |
| LKHS1 Soft Gas Valve Fault see Sensor Warnings | BI | 695 | BD | 102 | nvoLK1SGsvFI_XXX | SNVT_switch |
| LKHS1 Soft Low Water Cutoff | BI | 696 | BD | 103 | nvoLK1SLWtCt_XXX | SNVT_switch |
| LKHS1 Soft Limit Open | BI | 697 | BD | 104 | nvoLK1SLimOp_XXX | SNVT_switch |
| LKHS1 Soft Flow Switch Fault Sys Temp High Fault | BI | 698 | BD | 105 | nvoLK1SFISFI_XXX | SNVT_switch |
| LKHS1 Soft Return Water Temp High | BI | 699 | BD | 106 | nvoLK1SRWTHi_XXX | SNVT_switch |
| LKHS1 Soft Return above Supply Temp | BI | 700 | BD | 107 | nvoLK1SRSpTp_XXX | SNVT_switch |
| LKHS1 Soft Temp Rise Too Quickly | BI | 701 | BD | 108 | nvoLK1STpRQk_XXX | SNVT_switch |
| LKHS1 Soft Supply 58F above Return | BI | 702 | BD | 109 | nvoLK1SSpARt_XXX | SNVT_switch |
| LKHS1 Soft Temperature Sensor | BI | 703 | BD | 110 | nvoLK1STmpSn_XXX | SNVT_switch |
| LKHS1 Soft Flue Temp Too High | BI | 704 | BD | 111 | nvoLK1SFITHi_XXX | SNVT_switch |
| LKHS1 In Input 1 active | BI | 705 | BD | 112 | nvoLK1In1Act_XXX | SNVT_switch |
| LKHS1 In Input 2 active | BI | 706 | BD | 113 | nvoLK1In2Act_XXX | SNVT_switch |
| LKHS1 In Input 3 active | BI | 707 | BD | 114 | nvoLK1In3Act_XXX | SNVT_switch |
| LKHS1 In Manual Limit Open | BI | 708 | BD | 115 | nvoLK1IMnLmO_XXX | SNVT_switch |
| LKHS1 In Auto Limit Open | BI | 709 | BD | 116 | nvoLK1IAtLmO_XXX | SNVT_switch |
| LKHS1 In Low Water Cutoff Open | BI | 710 | BD | 117 | nvoLK1ILWtCtO_XXX | SNVT_switch |
| LKHS1 In Air P-Switch Open | BI | 711 | BD | 118 | nvoLK1IArPSO_XXX | SNVT_switch |
| LKHS1 In Flow Switch Open | BI | 712 | BD | 119 | nvoLK1IFISwO_XXX | SNVT_switch |
| LKHS1 RO Gas Valve ON | BI | 713 | BD | 120 | nvoLK1ROGsVI_XXX | SNVT_switch |
| LKHS1 RO Circulator 1 ON | BI | 714 | BD | 121 | nvoLK1ROCir1_XXX | SNVT_switch |
| LKHS1 RO Circulator 2 ON | BI | 715 | BD | 122 | nvoLK1ROCir2_XXX | SNVT_switch |
| LKHS1 RO Circulator 3 ON | BI | 716 | BD | 123 | nvoLK1ROCir3_XXX | SNVT_switch |
| LKHS1 RO Additional Heat Demand ON | BI | 717 | BD | 124 | nvoLK1ROAdHD_XXX | SNVT_switch |
| LKHS1 RO Boiler Circulator ON | BI | 718 | BD | 125 | nvoLK1ROBICr_XXX | SNVT_switch |
| LKHS2 Hard Limit Open | BI | 719 | BD | 126 | nvoLK2HLmOpn_XXX | SNVT_switch |
| LKHS2 Hard Flow Switch Fault | BI | 720 | BD | 127 | nvoLK2HFISFI_XXX | SNVT_switch |

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| LKHS2 Hard Return Water Temp High | BI | 721 | BD | 128 | nvoLK2HRtWHi_XXX | SNVT_switch |
| LKHS2 Hard Return > Supply Temp | BI | 722 | BD | 129 | nvoLK2HRtSTp_XXX | SNVT_switch |
| LKHS2 Hard Temp Rise Too Quickly | BI | 723 | BD | 130 | nvoLK2HTmpRs_XXX | SNVT_switch |
| LKHS2 Hard Supply 58F > Return | BI | 724 | BD | 131 | nvoLK2HSup58_XXX | SNVT_switch |
| LKHS2 Hard Temperature Sensor | BI | 725 | BD | 132 | nvoLK2HTmpSn_XXX | SNVT_switch |
| LKHS2 Hard Flue Temp Too High | BI | 726 | BD | 133 | nvoLK2HFITpH_XXX | SNVT_switch |
| LKHS2 Hard Flame Fault | BI | 727 | BD | 134 | nvoLK2HFImFI_XXX | SNVT_switch |
| LKHS2 Hard Ignition Fault | BI | 728 | BD | 135 | nvoLK2HlgnFI_XXX | SNVT_switch |
| LKHS2 Hard High Temp Limit | BI | 729 | BD | 136 | nvoLK2HHTpLm_XXX | SNVT_switch |
| LKHS2 Hard Blower Fault | BI | 730 | BD | 137 | nvoLK2HBlwFI_XXX | SNVT_switch |
| LKHS2 Hard Expansion Board Fault | BI | 731 | BD | 138 | nvoLK2HExBFI_XXX | SNVT_switch |
| LKHS2 Hard Air Pressure Switch Fault | BI | 732 | BD | 139 | nvoLK2HArPFI_XXX | SNVT_switch |
| LKHS2 Hard Gas Valve Fault | BI | 733 | BD | 140 | nvoLK2HGsvFI_XXX | SNVT_switch |
| LKHS2 Hard Low Water Cutoff | BI | 734 | BD | 141 | nvoLK2HLWtCt_XXX | SNVT_switch |
| LKHS2 Soft Limit Open | BI | 735 | BD | 142 | nvoLK2SLmOpn_XXX | SNVT_switch |
| LKHS2 Soft Flow Switch Fault | BI | 736 | BD | 143 | nvoLK2SFISFI_XXX | SNVT_switch |
| LKHS2 Soft Return Water Temp High | BI | 737 | BD | 144 | nvoLK2SRtWHi_XXX | SNVT_switch |
| LKHS2 Soft Return > Supply Temp | BI | 738 | BD | 145 | nvoLK2SRtSTp_XXX | SNVT_switch |
| LKHS2 Soft Temp Rise Too Quickly | BI | 739 | BD | 146 | nvoLK2STmpRs_XXX | SNVT_switch |
| LKHS2 Soft Supply 58F > Return | BI | 740 | BD | 147 | nvoLK2SSup58_XXX | SNVT_switch |
| LKHS2 Soft Temperature Sensor | BI | 741 | BD | 148 | nvoLK2STmpSn_XXX | SNVT_switch |
| LKHS2 Soft Flue Temp Too High | BI | 742 | BD | 149 | nvoLK2SFITpH_XXX | SNVT_switch |
| LKHS2 Soft Flame Fault | BI | 743 | BD | 150 | nvoLK2SFImFI_XXX | SNVT_switch |
| LKHS2 Soft Ignition Fault | BI | 744 | BD | 151 | nvoLK2SlnFI_XXX | SNVT_switch |
| LKHS2 Soft High Temp Limit | BI | 745 | BD | 152 | nvoLK2SHTpLm_XXX | SNVT_switch |
| LKHS2 Soft Blower Fault | BI | 746 | BD | 153 | nvoLK2SBlwFI_XXX | SNVT_switch |
| LKHS2 Soft Expansion Board Fault | BI | 747 | BD | 154 | nvoLK2SExBFI_XXX | SNVT_switch |
| LKHS2 Soft Air Pressure Switch Fault | BI | 748 | BD | 155 | nvoLK2SArPFI_XXX | SNVT_switch |
| LKHS2 Soft Gas Valve Fault | BI | 749 | BD | 156 | nvoLK2SGsvFI_XXX | SNVT_switch |
| LKHS2 Soft Low Water Cutoff | BI | 750 | BD | 157 | nvoLK2SLWtCt_XXX | SNVT_switch |
| LKHS2 In Input 1 active | BI | 751 | BD | 158 | nvoLK2In1Act_XXX | SNVT_switch |
| LKHS2 In Input 2 active | BI | 752 | BD | 159 | nvoLK2In2Act_XXX | SNVT_switch |
| LKHS2 In Input 3 active | BI | 753 | BD | 160 | nvoLK2In3Act_XXX | SNVT_switch |
| LKHS2 In Manual Limit Open | BI | 754 | BD | 161 | nvoLK2IMnLmO_XXX | SNVT_switch |
| LKHS2 In Auto Limit Open | BI | 755 | BD | 162 | nvoLK2IAtLmO_XXX | SNVT_switch |
| LKHS2 In Low Water Cutoff Open | BI | 756 | BD | 163 | nvoLK2ILWCtO_XXX | SNVT_switch |
| LKHS2 In Air P-Switch Open | BI | 757 | BD | 164 | nvoLK2IArPSO_XXX | SNVT_switch |
| LKHS2 In Flow Switch Open | BI | 758 | BD | 165 | nvoLK2IFISwO_XXX | SNVT_switch |
| LKHS2 RO Gas Valve ON | BI | 759 | BD | 166 | nvoLK2ROGsVI_XXX | SNVT_switch |
| LKHS2 RO Circulator 1 ON | BI | 760 | BD | 167 | nvoLK2ROCir1_XXX | SNVT_switch |
| LKHS2 RO Circulator 2 ON | BI | 761 | BD | 168 | nvoLK2ROCir2_XXX | SNVT_switch |
| LKHS2 RO Circulator 3 ON | BI | 762 | BD | 169 | nvoLK2ROCir3_XXX | SNVT_switch |
| LKHS2 RO Additional Heat Demand ON | BI | 763 | BD | 170 | nvoLK2ROAdHD_XXX | SNVT_switch |
| LKHS2 RO Boiler Circulator ON | BI | 764 | BD | 171 | nvoLK2ROBIcR_XXX | SNVT_switch |
| LKHS3 Hard Limit Open | BI | 765 | BD | 172 | nvoLK3HLmOpn_XXX | SNVT_switch |
| LKHS3 Hard Flow Switch Fault | BI | 766 | BD | 173 | nvoLK3HFISFI_XXX | SNVT_switch |
| LKHS3 Hard Return Water Temp High | BI | 767 | BD | 174 | nvoLK3HRtWHi_XXX | SNVT_switch |
| LKHS3 Hard Return > Supply Temp | BI | 768 | BD | 175 | nvoLK3HRtSTp_XXX | SNVT_switch |
| LKHS3 Hard Temp Rise Too Quickly | BI | 769 | BD | 176 | nvoLK3HTmpRs_XXX | SNVT_switch |
| LKHS3 Hard Supply 58F > Return | BI | 770 | BD | 177 | nvoLK3HSup58_XXX | SNVT_switch |
| LKHS3 Hard Temperature Sensor | BI | 771 | BD | 178 | nvoLK3HTmpSn_XXX | SNVT_switch |
| LKHS3 Hard Flue Temp Too High | BI | 772 | BD | 179 | nvoLK3HFITpH_XXX | SNVT_switch |
| LKHS3 Hard Flame Fault | BI | 773 | BD | 180 | nvoLK3HFImFI_XXX | SNVT_switch |
| LKHS3 Hard Ignition Fault | BI | 774 | BD | 181 | nvoLK3HlgnFI_XXX | SNVT_switch |
| LKHS3 Hard High Temp Limit | BI | 775 | BD | 182 | nvoLK3HHTpLm_XXX | SNVT_switch |
| LKHS3 Hard Blower Fault | BI | 776 | BD | 183 | nvoLK3HBlwFI_XXX | SNVT_switch |
| LKHS3 Hard Expansion Board Fault | BI | 777 | BD | 184 | nvoLK3HExBFI_XXX | SNVT_switch |
| LKHS3 Hard Air Pressure Switch Fault | BI | 778 | BD | 185 | nvoLK3HArPFI_XXX | SNVT_switch |
| LKHS3 Hard Gas Valve Fault | BI | 779 | BD | 186 | nvoLK3HGsvFI_XXX | SNVT_switch |
| LKHS3 Hard Low Water Cutoff | BI | 780 | BD | 187 | nvoLK3HLWtCt_XXX | SNVT_switch |
| LKHS3 Soft Limit Open | BI | 781 | BD | 188 | nvoLK3SLmOpn_XXX | SNVT_switch |
| LKHS3 Soft Flow Switch Fault | BI | 782 | BD | 189 | nvoLK3SFISFI_XXX | SNVT_switch |
| LKHS3 Soft Return Water Temp High | BI | 783 | BD | 190 | nvoLK3SRtWHi_XXX | SNVT_switch |
| LKHS3 Soft Return > Supply Temp | BI | 784 | BD | 191 | nvoLK3SRtSTp_XXX | SNVT_switch |
| LKHS3 Soft Temp Rise Too Quickly | BI | 785 | BD | 192 | nvoLK3STmpRs_XXX | SNVT_switch |
| LKHS3 Soft Supply 58F > Return | BI | 786 | BD | 193 | nvoLK3SSup58_XXX | SNVT_switch |
| LKHS3 Soft Temperature Sensor | BI | 787 | BD | 194 | nvoLK3STmpSn_XXX | SNVT_switch |
| LKHS3 Soft Flue Temp Too High | BI | 788 | BD | 195 | nvoLK3SFITpH_XXX | SNVT_switch |
| LKHS3 Soft Flame Fault | BI | 789 | BD | 196 | nvoLK3SFImFI_XXX | SNVT_switch |

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| LKHS3 Soft Ignition Fault | BI | 790 | BD | 197 | nvoLK3SIgnFI_XXX | SNVT_switch |
| LKHS3 Soft High Temp Limit | BI | 791 | BD | 198 | nvoLK3SHTpLm_XXX | SNVT_switch |
| LKHS3 Soft Blower Fault | BI | 792 | BD | 199 | nvoLK3SBlwFI_XXX | SNVT_switch |
| LKHS3 Soft Expansion Board Fault | BI | 793 | BD | 200 | nvoLK3SExBFI_XXX | SNVT_switch |
| LKHS3 Soft Air Pressure Switch Fault | BI | 794 | BD | 201 | nvoLK3SArPFI_XXX | SNVT_switch |
| LKHS3 Soft Gas Valve Fault | BI | 795 | BD | 202 | nvoLK3SGsVFI_XXX | SNVT_switch |
| LKHS3 Soft Low Water Cutoff | BI | 796 | BD | 203 | nvoLK3SLWtCt_XXX | SNVT_switch |
| LKHS3 In Input 1 active | BI | 797 | BD | 204 | nvoLK3In1Act_XXX | SNVT_switch |
| LKHS3 In Input 2 active | BI | 798 | BD | 205 | nvoLK3In2Act_XXX | SNVT_switch |
| LKHS3 In Input 3 active | BI | 799 | BD | 206 | nvoLK3In3Act_XXX | SNVT_switch |
| LKHS3 In Manual Limit Open | BI | 800 | BD | 207 | nvoLK3IMnLmO_XXX | SNVT_switch |
| LKHS3 In Auto Limit Open | BI | 801 | BD | 208 | nvoLK3IAtLmO_XXX | SNVT_switch |
| LKHS3 In Low Water Cutoff Open | BI | 802 | BD | 209 | nvoLK3ILWCtO_XXX | SNVT_switch |
| LKHS3 In Air P-Switch Open | BI | 803 | BD | 210 | nvoLK3IArPSO_XXX | SNVT_switch |
| LKHS3 In Flow Switch Open | BI | 804 | BD | 211 | nvoLK3IFISwO_XXX | SNVT_switch |
| LKHS3 RO Gas Valve ON | BI | 805 | BD | 212 | nvoLK3ROGsVI_XXX | SNVT_switch |
| LKHS3 RO Circulator 1 ON | BI | 806 | BD | 213 | nvoLK3ROCir1_XXX | SNVT_switch |
| LKHS3 RO Circulator 2 ON | BI | 807 | BD | 214 | nvoLK3ROCir2_XXX | SNVT_switch |
| LKHS3 RO Circulator 3 ON | BI | 808 | BD | 215 | nvoLK3ROCir3_XXX | SNVT_switch |
| LKHS3 RO Additional Heat Demand ON | BI | 809 | BD | 216 | nvoLK3ROAdHD_XXX | SNVT_switch |
| LKHS3 RO Boiler Circulator ON | BI | 810 | BD | 217 | nvoLK3ROBICr_XXX | SNVT_switch |
| LKHS1 Flue Temperature Warning | BI | 811 | BD | 218 | nvoLK1FITpWn_XXX | SNVT_switch |
| LKHS1 Modulation Sensor | BI | 812 | BD | 219 | nvoLK1ModSen_XXX | SNVT_switch |
| LKHS1 Freeze Protection | BI | 813 | BD | 220 | nvoLK1FrzPro_XXX | SNVT_switch |
| LKHS1 Warm Weather Shutdown | BI | 814 | BD | 221 | nvoLK1WWSD_XXX | SNVT_switch |
| LKHS2 Flue Temperature Warning | BI | 815 | BD | 222 | nvoLK2FITpWn_XXX | SNVT_switch |
| LKHS2 Modulation Sensor | BI | 816 | BD | 223 | nvoLK2ModSen_XXX | SNVT_switch |
| LKHS2 Freeze Protection | BI | 817 | BD | 224 | nvoLK2FrzPro_XXX | SNVT_switch |
| LKHS2 Warm Weather Shutdown | BI | 818 | BD | 225 | nvoLK2WWSD_XXX | SNVT_switch |
| LKHS3 Flue Temperature Warning | BI | 819 | BD | 226 | nvoLK3FITpWn_XXX | SNVT_switch |
| LKHS3 Modulation Sensor | BI | 820 | BD | 227 | nvoLK3ModSen_XXX | SNVT_switch |
| LKHS3 Freeze Protection | BI | 821 | BD | 228 | nvoLK3FrzPro_XXX | SNVT_switch |
| LKHS3 Warm Weather Shutdown | BI | 822 | BD | 229 | nvoLK3WWSD_XXX | SNVT_switch |
| Shad2 In1 Priority Boiler | AI | 823 | BD | 230 | nvoSh2In1PrB_XXX | SNVT_count_f |
| Shad2 In1 Aux Pump/Output Type | AI | 824 | BD | 231 | nvoSh2In1AxP_XXX | SNVT_count_f |
| Shad2 In1 Source is set to 0-10V | BI | 825 | BD | 232 | nvoSh2I10_10_XXX | SNVT_switch |
| Shad2 In2 Priority Boiler | AI | 826 | BD | 233 | nvoSh2In2PrB_XXX | SNVT_count_f |
| Shad2 In2 Aux Pump/Output Type | AI | 827 | BD | 234 | nvoSh2In2AxP_XXX | SNVT_count_f |
| Shad2 In2 Source is set to 0-10V | BI | 828 | BD | 235 | nvoSh2I10_10_XXX | SNVT_switch |
| Shad2 In3 Priority Boiler | AI | 829 | BD | 236 | nvoSh2In3PrB_XXX | SNVT_count_f |
| Shad2 In3 Aux Pump/Output Type | AI | 830 | BD | 237 | nvoSh2In3AxP_XXX | SNVT_count_f |
| Shad2 In3 Source is set to 0-10V | BI | 831 | BD | 238 | nvoSh2I10_10_XXX | SNVT_switch |