

7SR23 DAD

High Impedance Protection Relay

IEC 61850 Model Implementation Conformance Statement (MICS)

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1 IEC 61850 -> Reyrolle

1.1 PROT

1.1.1 A50gPTOC1

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

1.1.2 A50gPTOC2

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

| | | |
|--|--|--|
| | | |
|--|--|--|

1.1.3 A8750PDIF1

| | | |
|---------|-----------------------|----------------------|
| Beh | | |
| | stVal | Out of Service |
| | | Inhibit 87/50-1 |
| | | 87/50-1 Enabled |
| DifAClc | | |
| | phsA.cVal.mag.f | Ia Value |
| | phsA.instCVal.mag.f | Ia Value |
| | phsA.units.multiplier | Ia Multiplier |
| | phsA.units.SIUnit | Ia Units |
| | phsB.cVal.mag.f | Ib Value |
| | phsB.instCVal.mag.f | Ib Value |
| | phsB.units.multiplier | Ib Multilier |
| | phsB.units.SIUnit | Ib Units |
| | phsC.cVal.mag.f | Ic Value |
| | phsC.instCVal.mag.f | Ic Value |
| | phsC.units.multiplier | Ic Multiplier |
| | phsC.units.SIUnit | Ic Units |
| Health | | |
| | stVal | Protection Healthy |
| Mod | | |
| | stVal | Inhibit 87/50-1 |
| | | 87/50-1 Enabled |
| Op | | |
| | general | 87/50-1 PhA Operated |
| | | 87/50-1 PhB Operated |
| | | 87/50-1 PhC Operated |
| | phsA | 87/50-1 PhA Operated |
| | phsB | 87/50-1 PhB Operated |
| | phsC | 87/50-1 PhC Operated |
| | | |

1.1.4 A8750PDIF2

| | | |
|-----|-------|----------------|
| Beh | | |
| | stVal | Out of Service |

| | | |
|---------|-----------------------|----------------------|
| | | Inhibit 87/50-2 |
| | | 87/50-2 Enabled |
| DifACIc | | |
| | phsA.cVal.mag.f | Ia Value |
| | phsA.instCVal.mag.f | Ia Value |
| | phsA.units.multiplier | Ia Multiplier |
| | phsA.units.SIUnit | Ia Units |
| | phsB.cVal.mag.f | Ib Value |
| | phsB.instCVal.mag.f | Ib Value |
| | phsB.units.multiplier | Ib Multiplier |
| | phsB.units.SIUnit | Ib Units |
| | phsC.cVal.mag.f | Ic Value |
| | phsC.instCVal.mag.f | Ic Value |
| | phsC.units.multiplier | Ic Multiplier |
| | phsC.units.SIUnit | Ic Units |
| Health | | |
| | stVal | Protection Healthy |
| Mod | | |
| | stVal | Inhibit 87/50-2 |
| | | 87/50-2 Enabled |
| Op | | |
| | general | 87/50-2 PhA Operated |
| | | 87/50-2 PhB Operated |
| | | 87/50-2 PhC Operated |
| | phsA | 87/50-2 PhA Operated |
| | phsB | 87/50-2 PhB Operated |
| | phsC | 87/50-2 PhC Operated |
| | | |

1.1.5 A87RefPTOC1

| | | |
|--------|-------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| | | Inhibit 87REF-1 |
| | | 87REF-1 Enabled |
| Health | | |
| | stVal | Protection Healthy |
| Mod | | |

| | | |
|-----|------------|------------------|
| | stVal | Inhibit 87REF-1 |
| | | 87REF-1 Enabled |
| Op | | |
| | general | 87REF-1 Operated |
| Str | | |
| | dirGeneral | Non-Directional |
| | general | 87REF-1 Pickup |
| | | |

1.1.6 A87RefPTOC2

| | | |
|--------|------------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| | | Inhibit 87REF-2 |
| | | 87REF-2 Enabled |
| Health | | |
| | stVal | Protection Healthy |
| Mod | | |
| | stVal | Inhibit 87REF-2 |
| | | 87REF-2 Enabled |
| Op | | |
| | general | 87REF-2 Operated |
| Str | | |
| | dirGeneral | Non-Directional |
| | general | 87REF-2 Pickup |
| | | |

1.1.7 CT50PTOC1

| | | |
|--------|-------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| | | Inhibit CT50 |
| | | CT50 Enabled |
| Health | | |
| | stVal | Protection Healthy |
| Mod | | |
| | stVal | Inhibit CT50 |
| | | CT50 Enabled |
| Op | | |

| | | |
|-----|------------|-------------------|
| | general | CT50 PhA Operated |
| | | CT50 PhB Operated |
| | | CT50 PhC Operated |
| | phsA | CT50 PhA Operated |
| | phsB | CT50 PhB Operated |
| | phsC | CT50 PhC Operated |
| Str | | |
| | dirGeneral | Non-Directional |
| | dirPhsA | Non-Directional |
| | dirPhsB | Non-Directional |
| | dirPhsC | Non-Directional |
| | general | CT50 PhA Pickup |
| | | CT50 PhB Pickup |
| | | CT50 PhC Pickup |
| | phsA | CT50 PhA Pickup |
| | phsB | CT50 PhB Pickup |
| | phsC | CT50 PhC Pickup |
| | | |

1.1.8 LLN0 - PROT

| | | |
|--------|--------|------------------------|
| Beh | | |
| | stVal | Protection Active |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Mod | | |
| | stVal | Protection Active |
| | | Out of Service |
| NamPlt | | |
| | swRev | Software Revision |
| | vendor | Vendor Name |
| SGCB | | |
| | ActSG | Active Setting Group 1 |
| | | Active Setting Group 2 |
| | | Active Setting Group 3 |
| | | Active Setting Group 4 |
| | LActTm | Active Setting Group 1 |

| | | |
|--|---------|---|
| | | Active Setting Group 2 |
| | | Active Setting Group 3 |
| | | Active Setting Group 4 |
| | NumOfSG | Number of 61850 Controllable Setting Groups |
| | | |

1.1.9 PTRC1

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

1.2 MEAS

1.2.1 LLN0 - MEAS

| | | |
|--------|-------|--------------------|
| Beh | | |
| | stVal | Protection Healthy |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Mod | | |
| | stVal | Protection Healthy |

| | | |
|--------|--------|-------------------|
| | | Out of Service |
| NamPlt | | |
| | swRev | Software Revision |
| | vendor | Vendor Name |

1.3 DR

1.3.1 LLN0 - DR

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

1.3.2 RDRE1

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

1.4 CTRL

1.4.1 Alm32GGIO1

| | | |
|--------|-------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Ind1 | | |
| | stVal | Alarm 1 |
| Ind2 | | |
| | stVal | Alarm 2 |
| Ind3 | | |
| | stVal | Alarm 3 |
| Ind4 | | |
| | stVal | Alarm 4 |
| Ind5 | | |
| | stVal | Alarm 5 |
| Ind6 | | |
| | stVal | Alarm 6 |
| Ind7 | | |
| | stVal | Alarm 7 |
| Ind8 | | |
| | stVal | Alarm 8 |
| Ind9 | | |
| | stVal | Alarm 9 |
| Ind10 | | |
| | stVal | Alarm 10 |
| Ind11 | | |
| | stVal | Alarm 11 |
| Ind12 | | |
| | stVal | Alarm 12 |
| Ind13 | | |
| | stVal | Alarm 13 |

| | | |
|-------|-------|----------|
| Ind14 | | |
| | stVal | Alarm 14 |
| Ind15 | | |
| | stVal | Alarm 15 |
| Ind16 | | |
| | stVal | Alarm 16 |
| Ind17 | | |
| | stVal | Alarm 17 |
| Ind18 | | |
| | stVal | Alarm 18 |
| Ind19 | | |
| | stVal | Alarm 19 |
| Ind20 | | |
| | stVal | Alarm 20 |
| Ind21 | | |
| | stVal | Alarm 21 |
| Ind22 | | |
| | stVal | Alarm 22 |
| Ind23 | | |
| | stVal | Alarm 23 |
| Ind24 | | |
| | stVal | Alarm 24 |
| Ind25 | | |
| | stVal | Alarm 25 |
| Ind26 | | |
| | stVal | Alarm 26 |
| Ind27 | | |
| | stVal | Alarm 27 |
| Ind28 | | |
| | stVal | Alarm 28 |
| Ind29 | | |
| | stVal | Alarm 29 |
| Ind30 | | |
| | stVal | Alarm 30 |
| Ind31 | | |
| | stVal | Alarm 31 |

| | | |
|-------|-------|----------|
| Ind32 | | |
| | stVal | Alarm 32 |

1.4.2 BI19GGIO1

| | | |
|--------|-------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Ind1 | | |
| | stVal | Binary Input 1 |
| Ind2 | | |
| | stVal | Binary Input 2 |
| Ind3 | | |
| | stVal | Binary Input 3 |
| Ind4 | | |
| | stVal | Binary Input 4 |
| Ind5 | | |
| | stVal | Binary Input 5 |
| Ind6 | | |
| | stVal | Binary Input 6 |
| Ind7 | | |
| | stVal | Binary Input 7 |
| Ind8 | | |
| | stVal | Binary Input 8 |
| Ind9 | | |
| | stVal | Binary Input 9 |
| Ind10 | | |
| | stVal | Binary Input 10 |
| Ind11 | | |
| | stVal | Binary Input 11 |
| Ind12 | | |
| | stVal | Binary Input 12 |
| Ind13 | | |
| | stVal | Binary Input 13 |
| Ind14 | | |
| | stVal | Binary Input 14 |
| Ind15 | | |

| | | |
|-------|-------|-----------------|
| | stVal | Binary Input 15 |
| Ind16 | | |
| | stVal | Binary Input 16 |
| Ind17 | | |
| | stVal | Binary Input 17 |
| Ind18 | | |
| | stVal | Binary Input 18 |
| Ind19 | | |
| | stVal | Binary Input 19 |
| | | |

1.4.3 BO16GGIO1

| | | |
|--------|-------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Ind1 | | |
| | stVal | Binary Output 1 |
| Ind2 | | |
| | stVal | Binary Output 2 |
| Ind3 | | |
| | stVal | Binary Output 3 |
| Ind4 | | |
| | stVal | Binary Output 4 |
| Ind5 | | |
| | stVal | Binary Output 5 |
| Ind6 | | |
| | stVal | Binary Output 6 |
| Ind7 | | |
| | stVal | Binary Output 7 |
| Ind8 | | |
| | stVal | Binary Output 8 |
| Ind9 | | |
| | stVal | Binary Output 9 |
| Ind10 | | |
| | stVal | Binary Output 10 |
| Ind11 | | |

| | | |
|-------|-------|------------------|
| | stVal | Binary Output 11 |
| Ind12 | | |
| | stVal | Binary Output 12 |
| Ind13 | | |
| | stVal | Binary Output 13 |
| Ind14 | | |
| | stVal | Binary Output 14 |
| Ind15 | | |
| | stVal | Binary Output 15 |
| Ind16 | | |
| | stVal | Binary Output 16 |

1.4.4 DPDOesGGIO1

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

1.4.5 DPDOesGGIO2

| | | |
|--------|-------------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| DPCSO | | |
| | Oper.ctlVal | DPDOes 2 Control |
| | stVal | DPDOes 2 Status |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| | | |

1.4.6 DPDOesGGIO3

| | | |
|-----|--|--|
| Beh | | |
|-----|--|--|

| | | |
|--------|-------------|--------------------|
| | stVal | Out of Service |
| DPCSO | | |
| | Oper.ctlVal | DPDOes 3 Control |
| | stVal | DPDOes 3 Status |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| | | |

1.4.7 DPDOesGGIO4

| | | |
|--------|-------------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| DPCSO | | |
| | Oper.ctlVal | DPDOes 4 Control |
| | stVal | DPDOes 4 Status |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| | | |

1.4.8 DPDOsGGIO1

| | | |
|--------|-------------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| DPCSO | | |
| | Oper.ctlVal | DPDOs 1 Control |
| | stVal | DPDOs 1 Status |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| | | |

1.4.9 DPDOsGGIO2

| | | |
|-------|-------|----------------|
| Beh | | |
| | stVal | Out of Service |
| DPCSO | | |

| | | |
|--------|-------------|--------------------|
| | Oper.ctlVal | DPDOs 2 Control |
| | stVal | DPDOs 2 Status |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| | | |

1.4.10 DPDOsGGIO3

| | | |
|--------|-------------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| DPCSO | | |
| | Oper.ctlVal | DPDOs 3 Control |
| | stVal | DPDOs 3 Status |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| | | |

1.4.11 DPDOsGGIO4

| | | |
|--------|-------------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| DPCSO | | |
| | Oper.ctlVal | DPDOs 4 Control |
| | stVal | DPDOs 4 Status |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| | | |

1.4.12 DPi8GGIO1

| | | |
|--------|--------|-------------------|
| Beh | | |
| | stVal | Out of Service |
| DPCSO1 | | |
| | ctlVal | DPi8GGIO1 DPCSO 1 |
| DPCSO2 | | |

| | | |
|--------|--------|--------------------|
| | ctlVal | DPi8GGIO1 DPCSO 2 |
| DPCSO3 | | |
| | ctlVal | DPi8GGIO1 DPCSO 3 |
| DPCSO4 | | |
| | ctlVal | DPi8GGIO1 DPCSO 4 |
| DPCSO5 | | |
| | ctlVal | DPi8GGIO1 DPCSO 5 |
| DPCSO6 | | |
| | ctlVal | DPi8GGIO1 DPCSO 6 |
| DPCSO7 | | |
| | ctlVal | DPi8GGIO1 DPCSO 7 |
| DPCSO8 | | |
| | ctlVal | DPi8GGIO1 DPCSO 8 |
| Health | | |
| | stVal | Protection Healthy |
| | | |

1.4.13 DPi8GGIO2

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

| | | |
|--|-------|--------------------|
| | stVal | Protection Healthy |
| | | |

1.4.14 DPo8GGIO1

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

1.4.15 DPo8GGIO2

| | | |
|--------|-------|-----------------|
| Beh | | |
| | stVal | Out of Service |
| DPCSO1 | | |
| | stVal | DPo8GGIO2 Ind 1 |
| DPCSO2 | | |
| | stVal | DPo8GGIO2 Ind 2 |
| DPCSO3 | | |
| | stVal | DPo8GGIO2 Ind 3 |
| DPCSO4 | | |
| | stVal | DPo8GGIO2 Ind 4 |

| | | |
|--------|-------|--------------------|
| DPCSO5 | | |
| | stVal | DPo8GGIO2 Ind 5 |
| DPCSO6 | | |
| | stVal | DPo8GGIO2 Ind 6 |
| DPCSO7 | | |
| | stVal | DPo8GGIO2 Ind 7 |
| DPCSO8 | | |
| | stVal | DPo8GGIO2 Ind 8 |
| Health | | |
| | stVal | Protection Healthy |
| | | |

1.4.16 E16GGIO1

| | | |
|--------|-------|-------------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Ind1 | | |
| | stVal | Quick Logic Equation 1 |
| Ind2 | | |
| | stVal | Quick Logic Equation 2 |
| Ind3 | | |
| | stVal | Quick Logic Equation 3 |
| Ind4 | | |
| | stVal | Quick Logic Equation 4 |
| Ind5 | | |
| | stVal | Quick Logic Equation 5 |
| Ind6 | | |
| | stVal | Quick Logic Equation 6 |
| Ind7 | | |
| | stVal | Quick Logic Equation 7 |
| Ind8 | | |
| | stVal | Quick Logic Equation 8 |
| Ind9 | | |
| | stVal | Quick Logic Equation 9 |
| Ind10 | | |
| | stVal | Quick Logic Equation 10 |

| | | |
|-------|-------|-------------------------|
| Ind11 | | |
| | stVal | Quick Logic Equation 11 |
| Ind12 | | |
| | stVal | Quick Logic Equation 12 |
| Ind13 | | |
| | stVal | Quick Logic Equation 13 |
| Ind14 | | |
| | stVal | Quick Logic Equation 14 |
| Ind15 | | |
| | stVal | Quick Logic Equation 15 |
| Ind16 | | |
| | stVal | Quick Logic Equation 16 |
| | | |

1.4.17 L16GGIO1

| | | |
|--------|-------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Ind1 | | |
| | stVal | LED 1 |
| Ind2 | | |
| | stVal | LED 2 |
| Ind3 | | |
| | stVal | LED 3 |
| Ind4 | | |
| | stVal | LED 4 |
| Ind5 | | |
| | stVal | LED 5 |
| Ind6 | | |
| | stVal | LED 6 |
| Ind7 | | |
| | stVal | LED 7 |
| Ind8 | | |
| | stVal | LED 8 |
| Ind9 | | |
| | stVal | LED 9 |

| | | |
|-------|-------|--------|
| Ind10 | | |
| | stVal | LED 10 |
| Ind11 | | |
| | stVal | LED 11 |
| Ind12 | | |
| | stVal | LED 12 |
| Ind13 | | |
| | stVal | LED 13 |
| Ind14 | | |
| | stVal | LED 14 |
| Ind15 | | |
| | stVal | LED 15 |
| Ind16 | | |
| | stVal | LED 16 |
| | | |

1.4.18 LLN0 - CTRL

| | | |
|--------|--------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| | | Protection Healthy |
| Health | | |
| | stVal | Protection Healthy |
| LEDRs | | |
| | stVal | LED Reset |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | Out of Service |
| | | Protection Healthy |
| NamPit | | |
| | swRev | Software Revision |
| | vendor | Vendor Name |
| | | |

1.4.19 OpCntGGIO1

| | | |
|-----|-------|----------------------|
| Beh | | |
| | stVal | CB1 Open Cnt Enabled |

| | | |
|--------|-------|-----------------------|
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB1 Open Cnt |
| ISCSO2 | | |
| | stVal | CB1 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB1 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB1 Open Cnt Operated |
| | | |

1.4.20 OpCntGGIO2

| | | |
|--------|-------|-----------------------|
| Beh | | |
| | stVal | CB2 Open Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB2 Open Cnt |
| ISCSO2 | | |
| | stVal | CB2 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB2 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB2 Open Cnt Operated |
| | | |

1.4.21 OpCntGGIO3

| | | |
|-----|-------|----------------------|
| Beh | | |
| | stVal | CB3 Open Cnt Enabled |
| | | Out of Service |

| | | |
|--------|-------|-----------------------|
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB3 Open Cnt |
| ISCSO2 | | |
| | stVal | CB3 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB3 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB3 Open Cnt Operated |
| | | |

1.4.22 OpCntGGIO4

| | | |
|--------|-------|-----------------------|
| Beh | | |
| | stVal | CB4 Open Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB4 Open Cnt |
| ISCSO2 | | |
| | stVal | CB4 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB4 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB4 Open Cnt Operated |
| | | |

1.4.23 OpCntGGIO5

| | | |
|--------|-------|----------------------|
| Beh | | |
| | stVal | CB5 Open Cnt Enabled |
| | | Out of Service |
| Health | | |

| | | |
|--------|-------|-----------------------|
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB5 Open Cnt |
| ISCSO2 | | |
| | stVal | CB5 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB5 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB5 Open Cnt Operated |
| | | |

1.4.24 OpCntGGIO6

| | | |
|--------|-------|-----------------------|
| Beh | | |
| | stVal | CB6 Open Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB6 Open Cnt |
| ISCSO2 | | |
| | stVal | CB6 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB6 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB6 Open Cnt Operated |
| | | |

1.4.25 OpCntGGIO7

| | | |
|--------|-------|----------------------|
| Beh | | |
| | stVal | CB7 Open Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |

| | | |
|--------|-------|-----------------------|
| ISCSO1 | | |
| | stVal | CB7 Open Cnt |
| ISCSO2 | | |
| | stVal | CB7 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB7 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB7 Open Cnt Operated |
| | | |

1.4.26 OpCntGGIO8

| | | |
|--------|-------|-----------------------|
| Beh | | |
| | stVal | CB8 Open Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB8 Open Cnt |
| ISCSO2 | | |
| | stVal | CB8 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB8 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB8 Open Cnt Operated |
| | | |

1.4.27 OpCntGGIO9

| | | |
|--------|-------|----------------------|
| Beh | | |
| | stVal | CB9 Open Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |

| | | |
|--------|-------|-----------------------|
| | stVal | CB9 Open Cnt |
| ISCSO2 | | |
| | stVal | CB9 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB9 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB9 Open Cnt Operated |
| | | |

1.4.28 OpCntGGIO10

| | | |
|--------|-------|------------------------|
| Beh | | |
| | stVal | CB10 Open Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB10 Open Cnt |
| ISCSO2 | | |
| | stVal | CB10 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB10 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB10 Open Cnt Operated |
| | | |

1.4.29 OpCntGGIO11

| | | |
|--------|-------|-----------------------|
| Beh | | |
| | stVal | CB11 Open Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB11 Open Cnt |

| | | |
|--------|-------|------------------------|
| ISCSO2 | | |
| | stVal | CB11 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB11 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB11 Open Cnt Operated |
| | | |

1.4.30 OpCntGGIO12

| | | |
|--------|-------|------------------------|
| Beh | | |
| | stVal | CB12 Open Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB12 Open Cnt |
| ISCSO2 | | |
| | stVal | CB12 Open Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB12 Open Cnt Enabled |
| SPCSO | | |
| | stVal | CB12 Open Cnt Operated |
| | | |

1.4.31 OpDelGGIO1

| | | |
|--------|-------|-----------------------|
| Beh | | |
| | stVal | CB1 Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB1 Delta Cnt |
| ISCSO2 | | |

| | | |
|-------|-------|-------------------------|
| | stVal | CB1 Delta Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB1 Delta Cnt Enabled |
| SPCSO | | |
| | stVal | CB1 Delta Cnt Operated |
| | | |
| SPCSO | | |
| | stVal | CB12 Delta Cnt Operated |
| | | |

1.4.32 OpDelGGIO2

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

1.4.33 OpDelGGIO3

| | | |
|--------|-------|-----------------------|
| Beh | | |
| | stVal | CB3 Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |

| | | |
|--------|-------|------------------------|
| | stVal | CB3 Delta Cnt |
| ISCSO2 | | |
| | stVal | CB3 Delta Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB3 Delta Cnt Enabled |
| SPCSO | | |
| | stVal | CB3 Delta Cnt Operated |
| | | |

1.4.34 OpDelGGIO4

| | | |
|--------|-------|------------------------|
| Beh | | |
| | stVal | CB4 Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB4 Delta Cnt |
| ISCSO2 | | |
| | stVal | CB4 Delta Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB4 Delta Cnt Enabled |
| SPCSO | | |
| | stVal | CB4 Delta Cnt Operated |
| | | |

1.4.35 OpDelGGIO5

| | | |
|--------|-------|-----------------------|
| Beh | | |
| | stVal | CB5 Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB5 Delta Cnt |

| | | |
|--------|-------|------------------------|
| ISCSO2 | | |
| | stVal | CB5 Delta Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB5 Delta Cnt Enabled |
| SPCSO | | |
| | stVal | CB5 Delta Cnt Operated |
| | | |

1.4.36 OpDelGGIO6

| | | |
|--------|-------|------------------------|
| Beh | | |
| | stVal | CB6 Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB6 Delta Cnt |
| ISCSO2 | | |
| | stVal | CB6 Delta Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB6 Delta Cnt Enabled |
| SPCSO | | |
| | stVal | CB6 Delta Cnt Operated |
| | | |

1.4.37 OpDelGGIO7

| | | |
|--------|-------|-----------------------|
| Beh | | |
| | stVal | CB7 Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB7 Delta Cnt |
| ISCSO2 | | |

| | | |
|-------|-------|------------------------|
| | stVal | CB7 Delta Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB7 Delta Cnt Enabled |
| SPCSO | | |
| | stVal | CB7 Delta Cnt Operated |
| | | |

1.4.38 OpDelGGIO8

| | | |
|--------|-------|------------------------|
| Beh | | |
| | stVal | CB8 Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB8 Delta Cnt |
| ISCSO2 | | |
| | stVal | CB8 Delta Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB8 Delta Cnt Enabled |
| SPCSO | | |
| | stVal | CB8 Delta Cnt Operated |
| | | |

1.4.39 OpDelGGIO9

| | | |
|--------|-------|-----------------------|
| Beh | | |
| | stVal | CB9 Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB9 Delta Cnt |
| ISCSO2 | | |
| | stVal | CB9 Delta Cnt Target |

| | | |
|-------|-------|------------------------|
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB9 Delta Cnt Enabled |
| SPCSO | | |
| | stVal | CB9 Delta Cnt Operated |
| | | |

1.4.40 OpDelGGIO10

| | | |
|--------|-------|-------------------------|
| Beh | | |
| | stVal | CB10 Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB10 Delta Cnt |
| ISCSO2 | | |
| | stVal | CB10 Delta Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB10 Delta Cnt Enabled |
| SPCSO | | |
| | stVal | CB10 Delta Cnt Operated |
| | | |

1.4.41 OpDelGGIO11

| | | |
|--------|-------|------------------------|
| Beh | | |
| | stVal | CB11 Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB11 Delta Cnt |
| ISCSO2 | | |
| | stVal | CB11 Delta Cnt Target |
| Loc | | |

| | | |
|-------|-------|-------------------------|
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB11 Delta Cnt Enabled |
| SPCSO | | |
| | stVal | CB11 Delta Cnt Operated |
| | | |

1.4.42 OpDelGGIO12

| | | |
|--------|-------|------------------------|
| Beh | | |
| | stVal | CB12 Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB12 Delta Cnt |
| ISCSO2 | | |
| | stVal | CB12 Delta Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB12 Delta Cnt Enabled |

1.4.43 SPDOesGGIO1

| | | |
|--------|-------------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| SPCSO | | |
| | Oper.ctlVal | SPDOes 1 Control |
| | stVal | SPDOes 1 Status |
| | | |

1.4.44 SPDOesGGIO2

| | | |
|--------|-------|----------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |

| | | |
|-------|-------------|--------------------|
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| SPCSO | | |
| | Oper.ctlVal | SPDOes 2 Control |
| | stVal | SPDOes 2 Status |
| | | |

1.4.45 SPDOesGGIO3

| | | |
|--------|-------------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| SPCSO | | |
| | Oper.ctlVal | SPDOes 3 Control |
| | stVal | SPDOes 3 Status |
| | | |

1.4.46 SPDOesGGIO4

| | | |
|--------|-------------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| SPCSO | | |
| | Oper.ctlVal | SPDOes 4 Control |
| | stVal | SPDOes 4 Status |
| | | |

1.4.47 SPDOnsGGIO1

| | | |
|--------|-------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |

| | | |
|-------|-------------|-----------------|
| | stVal | Local Mode |
| SPCSO | | |
| | Oper.ctlVal | SPDOs 1 Control |
| | stVal | SPDOs 1 Status |
| | | |

1.4.48 SPDOsGGIO2

| | | |
|--------|-------------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| SPCSO | | |
| | Oper.ctlVal | SPDOs 2 Control |
| | stVal | SPDOs 2 Status |
| | | |

1.4.49 SPDOsGGIO3

| | | |
|--------|-------------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| SPCSO | | |
| | Oper.ctlVal | SPDOs 3 Control |
| | stVal | SPDOs 3 Status |
| | | |

1.4.50 SPDOsGGIO4

| | | |
|--------|-------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Loc | | |
| | stVal | Local Mode |
| SPCSO | | |

| | | |
|--|-------------|-----------------|
| | Oper.ctlVal | SPDOs 4 Control |
| | stVal | SPDOs 4 Status |
| | | |

1.4.51 SPi64GGIO1

| | | |
|---------|--------|---------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| SPCSO1 | | |
| | ctlVal | SPi64GGIO1 SPCSO 1 |
| SPCSO2 | | |
| | ctlVal | SPi64GGIO1 SPCSO 2 |
| SPCSO3 | | |
| | ctlVal | SPi64GGIO1 SPCSO 3 |
| SPCSO4 | | |
| | ctlVal | SPi64GGIO1 SPCSO 4 |
| SPCSO5 | | |
| | ctlVal | SPi64GGIO1 SPCSO 5 |
| SPCSO6 | | |
| | ctlVal | SPi64GGIO1 SPCSO 6 |
| SPCSO7 | | |
| | ctlVal | SPi64GGIO1 SPCSO 7 |
| SPCSO8 | | |
| | ctlVal | SPi64GGIO1 SPCSO 8 |
| SPCSO9 | | |
| | ctlVal | SPi64GGIO1 SPCSO 9 |
| SPCSO10 | | |
| | ctlVal | SPi64GGIO1 SPCSO 10 |
| SPCSO11 | | |
| | ctlVal | SPi64GGIO1 SPCSO 11 |
| SPCSO12 | | |
| | ctlVal | SPi64GGIO1 SPCSO 12 |
| SPCSO13 | | |
| | ctlVal | SPi64GGIO1 SPCSO 13 |
| SPCSO14 | | |
| | ctlVal | SPi64GGIO1 SPCSO 14 |

| | | |
|---------|--------|---------------------|
| SPCSO15 | | |
| | ctlVal | SPi64GGIO1 SPCSO 15 |
| SPCSO16 | | |
| | ctlVal | SPi64GGIO1 SPCSO 16 |
| SPCSO17 | | |
| | ctlVal | SPi64GGIO1 SPCSO 17 |
| SPCSO18 | | |
| | ctlVal | SPi64GGIO1 SPCSO 18 |
| SPCSO19 | | |
| | ctlVal | SPi64GGIO1 SPCSO 19 |
| SPCSO20 | | |
| | ctlVal | SPi64GGIO1 SPCSO 20 |
| SPCSO21 | | |
| | ctlVal | SPi64GGIO1 SPCSO 21 |
| SPCSO22 | | |
| | ctlVal | SPi64GGIO1 SPCSO 22 |
| SPCSO23 | | |
| | ctlVal | SPi64GGIO1 SPCSO 23 |
| SPCSO24 | | |
| | ctlVal | SPi64GGIO1 SPCSO 24 |
| SPCSO25 | | |
| | ctlVal | SPi64GGIO1 SPCSO 25 |
| SPCSO26 | | |
| | ctlVal | SPi64GGIO1 SPCSO 26 |
| SPCSO27 | | |
| | ctlVal | SPi64GGIO1 SPCSO 27 |
| SPCSO28 | | |
| | ctlVal | SPi64GGIO1 SPCSO 28 |
| SPCSO29 | | |
| | ctlVal | SPi64GGIO1 SPCSO 29 |
| SPCSO30 | | |
| | ctlVal | SPi64GGIO1 SPCSO 30 |
| SPCSO31 | | |
| | ctlVal | SPi64GGIO1 SPCSO 31 |
| SPCSO32 | | |
| | ctlVal | SPi64GGIO1 SPCSO 32 |

| | | |
|---------|--------|---------------------|
| SPCSO33 | | |
| | ctlVal | SPi64GGIO1 SPCSO 33 |
| SPCSO34 | | |
| | ctlVal | SPi64GGIO1 SPCSO 34 |
| SPCSO35 | | |
| | ctlVal | SPi64GGIO1 SPCSO 35 |
| SPCSO36 | | |
| | ctlVal | SPi64GGIO1 SPCSO 36 |
| SPCSO37 | | |
| | ctlVal | SPi64GGIO1 SPCSO 37 |
| SPCSO38 | | |
| | ctlVal | SPi64GGIO1 SPCSO 38 |
| SPCSO39 | | |
| | ctlVal | SPi64GGIO1 SPCSO 39 |
| SPCSO40 | | |
| | ctlVal | SPi64GGIO1 SPCSO 40 |
| SPCSO41 | | |
| | ctlVal | SPi64GGIO1 SPCSO 41 |
| SPCSO42 | | |
| | ctlVal | SPi64GGIO1 SPCSO 42 |
| SPCSO43 | | |
| | ctlVal | SPi64GGIO1 SPCSO 43 |
| SPCSO44 | | |
| | ctlVal | SPi64GGIO1 SPCSO 44 |
| SPCSO45 | | |
| | ctlVal | SPi64GGIO1 SPCSO 45 |
| SPCSO46 | | |
| | ctlVal | SPi64GGIO1 SPCSO 46 |
| SPCSO47 | | |
| | ctlVal | SPi64GGIO1 SPCSO 47 |
| SPCSO48 | | |
| | ctlVal | SPi64GGIO1 SPCSO 48 |
| SPCSO49 | | |
| | ctlVal | SPi64GGIO1 SPCSO 49 |
| SPCSO50 | | |
| | ctlVal | SPi64GGIO1 SPCSO 50 |

| | | |
|---------|--------|---------------------|
| SPCSO51 | | |
| | ctlVal | SPi64GGIO1 SPCSO 51 |
| SPCSO52 | | |
| | ctlVal | SPi64GGIO1 SPCSO 52 |
| SPCSO53 | | |
| | ctlVal | SPi64GGIO1 SPCSO 53 |
| SPCSO54 | | |
| | ctlVal | SPi64GGIO1 SPCSO 54 |
| SPCSO55 | | |
| | ctlVal | SPi64GGIO1 SPCSO 55 |
| SPCSO56 | | |
| | ctlVal | SPi64GGIO1 SPCSO 56 |
| SPCSO57 | | |
| | ctlVal | SPi64GGIO1 SPCSO 57 |
| SPCSO58 | | |
| | ctlVal | SPi64GGIO1 SPCSO 58 |
| SPCSO59 | | |
| | ctlVal | SPi64GGIO1 SPCSO 59 |
| SPCSO60 | | |
| | ctlVal | SPi64GGIO1 SPCSO 60 |
| SPCSO61 | | |
| | ctlVal | SPi64GGIO1 SPCSO 61 |
| SPCSO62 | | |
| | ctlVal | SPi64GGIO1 SPCSO 62 |
| SPCSO63 | | |
| | ctlVal | SPi64GGIO1 SPCSO 63 |
| SPCSO64 | | |
| | ctlVal | SPi64GGIO1 SPCSO 64 |
| | | |

1.4.52 SPo32GGIO1

| | | |
|--------|-------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Ind1 | | |
| | stVal | SPo32GGIO1 Ind 1 |

| | | |
|-------|-------|-------------------|
| Ind2 | | |
| | stVal | SPo32GGIO1 Ind 2 |
| Ind3 | | |
| | stVal | SPo32GGIO1 Ind 3 |
| Ind4 | | |
| | stVal | SPo32GGIO1 Ind 4 |
| Ind5 | | |
| | stVal | SPo32GGIO1 Ind 5 |
| Ind6 | | |
| | stVal | SPo32GGIO1 Ind 6 |
| Ind7 | | |
| | stVal | SPo32GGIO1 Ind 7 |
| Ind8 | | |
| | stVal | SPo32GGIO1 Ind 8 |
| Ind9 | | |
| | stVal | SPo32GGIO1 Ind 9 |
| Ind10 | | |
| | stVal | SPo32GGIO1 Ind 10 |
| Ind11 | | |
| | stVal | SPo32GGIO1 Ind 11 |
| Ind12 | | |
| | stVal | SPo32GGIO1 Ind 12 |
| Ind13 | | |
| | stVal | SPo32GGIO1 Ind 13 |
| Ind14 | | |
| | stVal | SPo32GGIO1 Ind 14 |
| Ind15 | | |
| | stVal | SPo32GGIO1 Ind 15 |
| Ind16 | | |
| | stVal | SPo32GGIO1 Ind 16 |
| Ind17 | | |
| | stVal | SPo32GGIO1 Ind 17 |
| Ind18 | | |
| | stVal | SPo32GGIO1 Ind 18 |
| Ind19 | | |
| | stVal | SPo32GGIO1 Ind 19 |

| | | |
|-------|-------|-------------------|
| Ind20 | | |
| | stVal | SPo32GGIO1 Ind 20 |
| Ind21 | | |
| | stVal | SPo32GGIO1 Ind 21 |
| Ind22 | | |
| | stVal | SPo32GGIO1 Ind 22 |
| Ind23 | | |
| | stVal | SPo32GGIO1 Ind 23 |
| Ind24 | | |
| | stVal | SPo32GGIO1 Ind 24 |
| Ind25 | | |
| | stVal | SPo32GGIO1 Ind 25 |
| Ind26 | | |
| | stVal | SPo32GGIO1 Ind 26 |
| Ind27 | | |
| | stVal | SPo32GGIO1 Ind 27 |
| Ind28 | | |
| | stVal | SPo32GGIO1 Ind 28 |
| Ind29 | | |
| | stVal | SPo32GGIO1 Ind 29 |
| Ind30 | | |
| | stVal | SPo32GGIO1 Ind 30 |
| Ind31 | | |
| | stVal | SPo32GGIO1 Ind 31 |
| Ind32 | | |
| | stVal | SPo32GGIO1 Ind 32 |
| | | |

1.4.53 TrpCntGGIO1

| | | |
|--------|-------|---------------------|
| Beh | | |
| | stVal | CB Trip Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB Trip Cnt |
| ISCSO2 | | |

| | | |
|-------|-------|----------------------|
| | stVal | CB Trip Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB Trip Cnt Enabled |
| SPCSO | | |
| | stVal | CB Trip Cnt Operated |
| | | |

1.4.54 TrpDelGGIO1

| | | |
|--------|-------|-----------------------|
| Beh | | |
| | stVal | CB Delta Cnt Enabled |
| | | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| ISCSO1 | | |
| | stVal | CB Delta Cnt |
| ISCSO2 | | |
| | stVal | CB Delta Cnt Target |
| Loc | | |
| | stVal | Local Mode |
| Mod | | |
| | stVal | CB Delta Cnt Enabled |
| SPCSO | | |
| | stVal | CB Delta Cnt Operated |
| | | |

1.4.55 V16GGIO1

| | | |
|--------|-------|--------------------|
| Beh | | |
| | stVal | Out of Service |
| Health | | |
| | stVal | Protection Healthy |
| Ind1 | | |
| | stVal | Virtual Point 1 |
| Ind2 | | |
| | stVal | Virtual Point 2 |
| Ind3 | | |

| | | |
|-------|-------|------------------|
| | stVal | Virtual Point 3 |
| Ind4 | | |
| | stVal | Virtual Point 4 |
| Ind5 | | |
| | stVal | Virtual Point 5 |
| Ind6 | | |
| | stVal | Virtual Point 6 |
| Ind7 | | |
| | stVal | Virtual Point 7 |
| Ind8 | | |
| | stVal | Virtual Point 8 |
| Ind9 | | |
| | stVal | Virtual Point 9 |
| Ind10 | | |
| | stVal | Virtual Point 10 |
| Ind11 | | |
| | stVal | Virtual Point 11 |
| Ind12 | | |
| | stVal | Virtual Point 12 |
| Ind13 | | |
| | stVal | Virtual Point 13 |
| Ind14 | | |
| | stVal | Virtual Point 14 |
| Ind15 | | |
| | stVal | Virtual Point 15 |
| Ind16 | | |
| | stVal | Virtual Point 16 |
| | | |

2 Reyrolle -> IEC 61850

2.1 Device

| Reyrolle | DOI | DA Group |
|------------|----------------------|----------|
| LED Reset | | |
| | CTRL.LLN0.LEDRs | stVal |
| Local Mode | | |
| | CTRL.LLN0.Loc | stVal |
| | CTRL.SPDOnsGGIO1.Loc | stVal |
| | CTRL.SPDOnsGGIO2.Loc | stVal |
| | CTRL.SPDOnsGGIO3.Loc | stVal |
| | CTRL.SPDOnsGGIO4.Loc | stVal |
| | CTRL.SPDOesGGIO1.Loc | stVal |
| | CTRL.SPDOesGGIO2.Loc | stVal |
| | CTRL.SPDOesGGIO3.Loc | stVal |
| | CTRL.SPDOesGGIO4.Loc | stVal |
| | CTRL.DPDOnsGGIO1.Loc | stVal |
| | CTRL.DPDOnsGGIO2.Loc | stVal |
| | CTRL.DPDOnsGGIO3.Loc | stVal |
| | CTRL.DPDOnsGGIO4.Loc | stVal |
| | CTRL.DPDOesGGIO1.Loc | stVal |
| | CTRL.DPDOesGGIO2.Loc | stVal |
| | CTRL.DPDOesGGIO3.Loc | stVal |
| | CTRL.DPDOesGGIO4.Loc | stVal |
| | CTRL.TrpCntGGIO1.Loc | stVal |
| | CTRL.TrpDelGGIO1.Loc | stVal |
| | CTRL.OpCntGGIO1.Loc | stVal |
| | CTRL.OpDelGGIO1.Loc | stVal |
| | CTRL.OpCntGGIO2.Loc | stVal |
| | CTRL.OpDelGGIO2.Loc | stVal |
| | CTRL.OpCntGGIO3.Loc | stVal |
| | CTRL.OpDelGGIO3.Loc | stVal |
| | CTRL.OpCntGGIO4.Loc | stVal |
| | CTRL.OpDelGGIO4.Loc | stVal |
| | CTRL.OpCntGGIO5.Loc | stVal |

| | | |
|----------------|----------------------|-------|
| | CTRL.OpDelGGIO5.Loc | stVal |
| | CTRL.OpCntGGIO6.Loc | stVal |
| | CTRL.OpDelGGIO6.Loc | stVal |
| | CTRL.OpCntGGIO7.Loc | stVal |
| | CTRL.OpDelGGIO7.Loc | stVal |
| | CTRL.OpCntGGIO8.Loc | stVal |
| | CTRL.OpDelGGIO8.Loc | stVal |
| | CTRL.OpCntGGIO9.Loc | stVal |
| | CTRL.OpDelGGIO9.Loc | stVal |
| | CTRL.OpCntGGIO10.Loc | stVal |
| | CTRL.OpDelGGIO10.Loc | stVal |
| | CTRL.OpCntGGIO11.Loc | stVal |
| | CTRL.OpDelGGIO11.Loc | stVal |
| | CTRL.OpCntGGIO12.Loc | stVal |
| | CTRL.OpDelGGIO12.Loc | stVal |
| Out of Service | | |
| | PROT.LLN0.Mod | stVal |
| | PROT.LLN0.Beh | stVal |
| | PROT.A8750PDIF1.Beh | stVal |
| | PROT.A8750PDIF2.Beh | stVal |
| | PROT.A50gPTOC1.Beh | stVal |
| | PROT.A50gPTOC2.Beh | stVal |
| | PROT.A87RefPTOC1.Beh | stVal |
| | PROT.A87RefPTOC2.Beh | stVal |
| | PROT.CT50PTOC1.Beh | stVal |
| | PROT.PTRC1.Beh | stVal |
| | CTRL.LLN0.Mod | stVal |
| | CTRL.LLN0.Beh | stVal |
| | CTRL.BI19GGIO1.Beh | stVal |
| | CTRL.BO16GGIO1.Beh | stVal |
| | CTRL.L16GGIO1.Beh | stVal |
| | CTRL.V16GGIO1.Beh | stVal |
| | CTRL.E16GGIO1.Beh | stVal |
| | CTRL.SPi64GGIO1.Beh | stVal |
| | CTRL.SPo32GGIO1.Beh | stVal |
| | CTRL.SPDOnsGGIO1.Beh | stVal |

| | | |
|--|----------------------|-------|
| | CTRL.SPDOnsGGIO2.Beh | stVal |
| | CTRL.SPDOnsGGIO3.Beh | stVal |
| | CTRL.SPDOnsGGIO4.Beh | stVal |
| | CTRL.SPDOesGGIO1.Beh | stVal |
| | CTRL.SPDOesGGIO2.Beh | stVal |
| | CTRL.SPDOesGGIO3.Beh | stVal |
| | CTRL.SPDOesGGIO4.Beh | stVal |
| | CTRL.DPDOnsGGIO1.Beh | stVal |
| | CTRL.DPDOnsGGIO2.Beh | stVal |
| | CTRL.DPDOnsGGIO3.Beh | stVal |
| | CTRL.DPDOnsGGIO4.Beh | stVal |
| | CTRL.DPDOesGGIO1.Beh | stVal |
| | CTRL.DPDOesGGIO2.Beh | stVal |
| | CTRL.DPDOesGGIO3.Beh | stVal |
| | CTRL.DPDOesGGIO4.Beh | stVal |
| | CTRL.DPi8GGIO1.Beh | stVal |
| | CTRL.DPi8GGIO2.Beh | stVal |
| | CTRL.DPo8GGIO1.Beh | stVal |
| | CTRL.DPo8GGIO2.Beh | stVal |
| | CTRL.Alm32GGIO1.Beh | stVal |
| | CTRL.TrpCntGGIO1.Beh | stVal |
| | CTRL.TrpDelGGIO1.Beh | stVal |
| | CTRL.OpCntGGIO1.Beh | stVal |
| | CTRL.OpDelGGIO1.Beh | stVal |
| | CTRL.OpCntGGIO2.Beh | stVal |
| | CTRL.OpDelGGIO2.Beh | stVal |
| | CTRL.OpCntGGIO3.Beh | stVal |
| | CTRL.OpDelGGIO3.Beh | stVal |
| | CTRL.OpCntGGIO4.Beh | stVal |
| | CTRL.OpDelGGIO4.Beh | stVal |
| | CTRL.OpCntGGIO5.Beh | stVal |
| | CTRL.OpDelGGIO5.Beh | stVal |
| | CTRL.OpCntGGIO6.Beh | stVal |
| | CTRL.OpDelGGIO6.Beh | stVal |
| | CTRL.OpCntGGIO7.Beh | stVal |
| | CTRL.OpDelGGIO7.Beh | stVal |

| | | |
|--------------------|-------------------------|-------|
| | CTRL.OpCntGGIO8.Beh | stVal |
| | CTRL.OpDelGGIO8.Beh | stVal |
| | CTRL.OpCntGGIO9.Beh | stVal |
| | CTRL.OpDelGGIO9.Beh | stVal |
| | CTRL.OpCntGGIO10.Beh | stVal |
| | CTRL.OpDelGGIO10.Beh | stVal |
| | CTRL.OpCntGGIO11.Beh | stVal |
| | CTRL.OpDelGGIO11.Beh | stVal |
| | CTRL.OpCntGGIO12.Beh | stVal |
| | CTRL.OpDelGGIO12.Beh | stVal |
| | MEAS.LLN0.Mod | stVal |
| | MEAS.LLN0.Beh | stVal |
| | DR.LLN0.Mod | stVal |
| | DR.LLN0.Beh | stVal |
| | DR.RDRE1.Beh | stVal |
| Protection Active | | |
| | PROT.LLN0.Mod | stVal |
| | PROT.LLN0.Beh | stVal |
| | PROT.PTRC1.Mod | stVal |
| | PROT.PTRC1.Beh | stVal |
| Protection Healthy | | |
| | PROT.LLN0.Health | stVal |
| | PROT.A8750PDIF1.Health | stVal |
| | PROT.A8750PDIF2.Health | stVal |
| | PROT.A50gPTOC1.Health | stVal |
| | PROT.A50gPTOC2.Health | stVal |
| | PROT.A87RefPTOC1.Health | stVal |
| | PROT.A87RefPTOC2.Health | stVal |
| | PROT.CT50PTOC1.Health | stVal |
| | PROT.PTRC1.Health | stVal |
| | CTRL.LLN0.Mod | stVal |
| | CTRL.LLN0.Beh | stVal |
| | CTRL.LLN0.Health | stVal |
| | CTRL.BI19GGIO1.Health | stVal |
| | CTRL.BO16GGIO1.Health | stVal |
| | CTRL.L16GGIO1.Health | stVal |

| | | |
|--|-------------------------|-------|
| | CTRL.V16GGIO1.Health | stVal |
| | CTRL.E16GGIO1.Health | stVal |
| | CTRL.SPi64GGIO1.Health | stVal |
| | CTRL.SP032GGIO1.Health | stVal |
| | CTRL.SPDOnsGGIO1.Health | stVal |
| | CTRL.SPDOnsGGIO2.Health | stVal |
| | CTRL.SPDOnsGGIO3.Health | stVal |
| | CTRL.SPDOnsGGIO4.Health | stVal |
| | CTRL.SPDOesGGIO1.Health | stVal |
| | CTRL.SPDOesGGIO2.Health | stVal |
| | CTRL.SPDOesGGIO3.Health | stVal |
| | CTRL.SPDOesGGIO4.Health | stVal |
| | CTRL.DPDOnsGGIO1.Health | stVal |
| | CTRL.DPDOnsGGIO2.Health | stVal |
| | CTRL.DPDOnsGGIO3.Health | stVal |
| | CTRL.DPDOnsGGIO4.Health | stVal |
| | CTRL.DPDOesGGIO1.Health | stVal |
| | CTRL.DPDOesGGIO2.Health | stVal |
| | CTRL.DPDOesGGIO3.Health | stVal |
| | CTRL.DPDOesGGIO4.Health | stVal |
| | CTRL.DPi8GGIO1.Health | stVal |
| | CTRL.DPi8GGIO2.Health | stVal |
| | CTRL.DPo8GGIO1.Health | stVal |
| | CTRL.DPo8GGIO2.Health | stVal |
| | CTRL.AIm32GGIO1.Health | stVal |
| | CTRL.TrpCntGGIO1.Health | stVal |
| | CTRL.TrpDelGGIO1.Health | stVal |
| | CTRL.OpCntGGIO1.Health | stVal |
| | CTRL.OpDelGGIO1.Health | stVal |
| | CTRL.OpCntGGIO2.Health | stVal |
| | CTRL.OpDelGGIO2.Health | stVal |
| | CTRL.OpCntGGIO3.Health | stVal |
| | CTRL.OpDelGGIO3.Health | stVal |
| | CTRL.OpCntGGIO4.Health | stVal |
| | CTRL.OpDelGGIO4.Health | stVal |
| | CTRL.OpCntGGIO5.Health | stVal |

| | | |
|-------------------|-------------------------|--------|
| | CTRL.OpDelGGIO5.Health | stVal |
| | CTRL.OpCntGGIO6.Health | stVal |
| | CTRL.OpDelGGIO6.Health | stVal |
| | CTRL.OpCntGGIO7.Health | stVal |
| | CTRL.OpDelGGIO7.Health | stVal |
| | CTRL.OpCntGGIO8.Health | stVal |
| | CTRL.OpDelGGIO8.Health | stVal |
| | CTRL.OpCntGGIO9.Health | stVal |
| | CTRL.OpDelGGIO9.Health | stVal |
| | CTRL.OpCntGGIO10.Health | stVal |
| | CTRL.OpDelGGIO10.Health | stVal |
| | CTRL.OpCntGGIO11.Health | stVal |
| | CTRL.OpDelGGIO11.Health | stVal |
| | CTRL.OpCntGGIO12.Health | stVal |
| | CTRL.OpDelGGIO12.Health | stVal |
| | MEAS.LLN0.Mod | stVal |
| | MEAS.LLN0.Beh | stVal |
| | MEAS.LLN0.Health | stVal |
| | DR.LLN0.Mod | stVal |
| | DR.LLN0.Beh | stVal |
| | DR.LLN0.Health | stVal |
| | DR.RDRE1.Mod | stVal |
| | DR.RDRE1.Beh | stVal |
| | DR.RDRE1.Health | stVal |
| Software Revision | | |
| | PROT.LLN0.NamPlt | swRev |
| | CTRL.LLN0.NamPlt | swRev |
| | MEAS.LLN0.NamPlt | swRev |
| | DR.LLN0.NamPlt | swRev |
| Vendor Name | | |
| | PROT.LLN0.NamPlt | vendor |
| | CTRL.LLN0.NamPlt | vendor |
| | MEAS.LLN0.NamPlt | vendor |
| | DR.LLN0.NamPlt | vendor |

2.2 Binary Inputs

| Reyrolle | DOI | DA Group |
|-----------------|----------------------|----------|
| Binary Input 1 | | |
| | CTRL.BI19GGIO1.Ind1 | stVal |
| Binary Input 2 | | |
| | CTRL.BI19GGIO1.Ind2 | stVal |
| Binary Input 3 | | |
| | CTRL.BI19GGIO1.Ind3 | stVal |
| Binary Input 4 | | |
| | CTRL.BI19GGIO1.Ind4 | stVal |
| Binary Input 5 | | |
| | CTRL.BI19GGIO1.Ind5 | stVal |
| Binary Input 6 | | |
| | CTRL.BI19GGIO1.Ind6 | stVal |
| Binary Input 7 | | |
| | CTRL.BI19GGIO1.Ind7 | stVal |
| Binary Input 8 | | |
| | CTRL.BI19GGIO1.Ind8 | stVal |
| Binary Input 9 | | |
| | CTRL.BI19GGIO1.Ind9 | stVal |
| Binary Input 10 | | |
| | CTRL.BI19GGIO1.Ind10 | stVal |
| Binary Input 11 | | |
| | CTRL.BI19GGIO1.Ind11 | stVal |
| Binary Input 12 | | |
| | CTRL.BI19GGIO1.Ind12 | stVal |
| Binary Input 13 | | |
| | CTRL.BI19GGIO1.Ind13 | stVal |
| Binary Input 14 | | |
| | CTRL.BI19GGIO1.Ind14 | stVal |
| Binary Input 15 | | |
| | CTRL.BI19GGIO1.Ind15 | stVal |
| Binary Input 16 | | |
| | CTRL.BI19GGIO1.Ind16 | stVal |
| Binary Input 17 | | |

| | | |
|-----------------|----------------------|-------|
| | CTRL.BI19GGIO1.Ind17 | stVal |
| Binary Input 18 | | |
| | CTRL.BI19GGIO1.Ind18 | stVal |
| Binary Input 19 | | |
| | CTRL.BI19GGIO1.Ind19 | stVal |

2.3 Binary Outputs

| Reyrolle | DOI | DA Group |
|------------------|----------------------|----------|
| Binary Output 1 | | |
| | CTRL.BO16GGIO1.Ind1 | stVal |
| Binary Output 2 | | |
| | CTRL.BO16GGIO1.Ind2 | stVal |
| Binary Output 3 | | |
| | CTRL.BO16GGIO1.Ind3 | stVal |
| Binary Output 4 | | |
| | CTRL.BO16GGIO1.Ind4 | stVal |
| Binary Output 5 | | |
| | CTRL.BO16GGIO1.Ind5 | stVal |
| Binary Output 6 | | |
| | CTRL.BO16GGIO1.Ind6 | stVal |
| Binary Output 7 | | |
| | CTRL.BO16GGIO1.Ind7 | stVal |
| Binary Output 8 | | |
| | CTRL.BO16GGIO1.Ind8 | stVal |
| Binary Output 9 | | |
| | CTRL.BO16GGIO1.Ind9 | stVal |
| Binary Output 10 | | |
| | CTRL.BO16GGIO1.Ind10 | stVal |
| Binary Output 11 | | |
| | CTRL.BO16GGIO1.Ind11 | stVal |
| Binary Output 12 | | |
| | CTRL.BO16GGIO1.Ind12 | stVal |
| Binary Output 13 | | |
| | CTRL.BO16GGIO1.Ind13 | stVal |
| Binary Output 14 | | |

| | | |
|------------------|----------------------|-------|
| | CTRL.BO16GGIO1.Ind14 | stVal |
| Binary Output 15 | | |
| | CTRL.BO16GGIO1.Ind15 | stVal |
| Binary Output 16 | | |
| | CTRL.BO16GGIO1.Ind16 | stVal |

2.4 CB Open Counters

| Reyrolle | DOI | DA Group |
|------------------------|------------------------|----------|
| CB1 Delta Cnt | | |
| | CTRL.OpDelGGIO1.ISCSO1 | stVal |
| CB1 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO1.Mod | stVal |
| | CTRL.OpDelGGIO1.Beh | stVal |
| CB1 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO1.SPCSO | stVal |
| CB1 Delta Cnt Target | | |
| | CTRL.OpDelGGIO1.ISCSO2 | stVal |
| CB1 Open Cnt | | |
| | CTRL.OpCntGGIO1.ISCSO1 | stVal |
| CB1 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO1.Mod | stVal |
| | CTRL.OpCntGGIO1.Beh | stVal |
| CB1 Open Cnt Operated | | |
| | CTRL.OpCntGGIO1.SPCSO | stVal |
| CB1 Open Cnt Target | | |
| | CTRL.OpCntGGIO1.ISCSO2 | stVal |
| CB2 Delta Cnt | | |
| | CTRL.OpDelGGIO2.ISCSO1 | stVal |
| CB2 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO2.Mod | stVal |
| | CTRL.OpDelGGIO2.Beh | stVal |
| CB2 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO2.SPCSO | stVal |
| CB2 Delta Cnt Target | | |
| | CTRL.OpDelGGIO2.ISCSO2 | stVal |

| | | |
|------------------------|------------------------|-------|
| CB2 Open Cnt | | |
| | CTRL.OpCntGGIO2.ISCSO1 | stVal |
| CB2 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO2.Mod | stVal |
| | CTRL.OpCntGGIO2.Beh | stVal |
| CB2 Open Cnt Operated | | |
| | CTRL.OpCntGGIO2.SPCSO | stVal |
| CB2 Open Cnt Target | | |
| | CTRL.OpCntGGIO2.ISCSO2 | stVal |
| CB3 Delta Cnt | | |
| | CTRL.OpDelGGIO3.ISCSO1 | stVal |
| CB3 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO3.Mod | stVal |
| | CTRL.OpDelGGIO3.Beh | stVal |
| CB3 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO3.SPCSO | stVal |
| CB3 Delta Cnt Target | | |
| | CTRL.OpDelGGIO3.ISCSO2 | stVal |
| CB3 Open Cnt | | |
| | CTRL.OpCntGGIO3.ISCSO1 | stVal |
| CB3 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO3.Mod | stVal |
| | CTRL.OpCntGGIO3.Beh | stVal |
| CB3 Open Cnt Operated | | |
| | CTRL.OpCntGGIO3.SPCSO | stVal |
| CB3 Open Cnt Target | | |
| | CTRL.OpCntGGIO3.ISCSO2 | stVal |
| CB4 Delta Cnt | | |
| | CTRL.OpDelGGIO4.ISCSO1 | stVal |
| CB4 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO4.Mod | stVal |
| | CTRL.OpDelGGIO4.Beh | stVal |
| CB4 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO4.SPCSO | stVal |
| CB4 Delta Cnt Target | | |
| | CTRL.OpDelGGIO4.ISCSO2 | stVal |

| | | |
|------------------------|------------------------|-------|
| CB4 Open Cnt | | |
| | CTRL.OpCntGGIO4.ISCSO1 | stVal |
| CB4 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO4.Mod | stVal |
| | CTRL.OpCntGGIO4.Beh | stVal |
| CB4 Open Cnt Operated | | |
| | CTRL.OpCntGGIO4.SPCSO | stVal |
| CB4 Open Cnt Target | | |
| | CTRL.OpCntGGIO4.ISCSO2 | stVal |
| CB5 Delta Cnt | | |
| | CTRL.OpDelGGIO5.ISCSO1 | stVal |
| CB5 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO5.Mod | stVal |
| | CTRL.OpDelGGIO5.Beh | stVal |
| CB5 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO5.SPCSO | stVal |
| CB5 Delta Cnt Target | | |
| | CTRL.OpDelGGIO5.ISCSO2 | stVal |
| CB5 Open Cnt | | |
| | CTRL.OpCntGGIO5.ISCSO1 | stVal |
| CB5 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO5.Mod | stVal |
| | CTRL.OpCntGGIO5.Beh | stVal |
| CB5 Open Cnt Operated | | |
| | CTRL.OpCntGGIO5.SPCSO | stVal |
| CB5 Open Cnt Target | | |
| | CTRL.OpCntGGIO5.ISCSO2 | stVal |
| CB6 Delta Cnt | | |
| | CTRL.OpDelGGIO6.ISCSO1 | stVal |
| CB6 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO6.Mod | stVal |
| | CTRL.OpDelGGIO6.Beh | stVal |
| CB6 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO6.SPCSO | stVal |
| CB6 Delta Cnt Target | | |
| | CTRL.OpDelGGIO6.ISCSO2 | stVal |

| | | |
|------------------------|------------------------|-------|
| CB6 Open Cnt | | |
| | CTRL.OpCntGGIO6.ISCSO1 | stVal |
| CB6 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO6.Mod | stVal |
| | CTRL.OpCntGGIO6.Beh | stVal |
| CB6 Open Cnt Operated | | |
| | CTRL.OpCntGGIO6.SPCSO | stVal |
| CB6 Open Cnt Target | | |
| | CTRL.OpCntGGIO6.ISCSO2 | stVal |
| CB7 Delta Cnt | | |
| | CTRL.OpDelGGIO7.ISCSO1 | stVal |
| CB7 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO7.Mod | stVal |
| | CTRL.OpDelGGIO7.Beh | stVal |
| CB7 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO7.SPCSO | stVal |
| CB7 Delta Cnt Target | | |
| | CTRL.OpDelGGIO7.ISCSO2 | stVal |
| CB7 Open Cnt | | |
| | CTRL.OpCntGGIO7.ISCSO1 | stVal |
| CB7 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO7.Mod | stVal |
| | CTRL.OpCntGGIO7.Beh | stVal |
| CB7 Open Cnt Operated | | |
| | CTRL.OpCntGGIO7.SPCSO | stVal |
| CB7 Open Cnt Target | | |
| | CTRL.OpCntGGIO7.ISCSO2 | stVal |
| CB8 Delta Cnt | | |
| | CTRL.OpDelGGIO8.ISCSO1 | stVal |
| CB8 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO8.Mod | stVal |
| | CTRL.OpDelGGIO8.Beh | stVal |
| CB8 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO8.SPCSO | stVal |
| CB8 Delta Cnt Target | | |
| | CTRL.OpDelGGIO8.ISCSO2 | stVal |

| | | |
|-------------------------|-------------------------|-------|
| CB8 Open Cnt | | |
| | CTRL.OpCntGGIO8.ISCSO1 | stVal |
| CB8 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO8.Mod | stVal |
| | CTRL.OpCntGGIO8.Beh | stVal |
| CB8 Open Cnt Operated | | |
| | CTRL.OpCntGGIO8.SPCSO | stVal |
| CB8 Open Cnt Target | | |
| | CTRL.OpCntGGIO8.ISCSO2 | stVal |
| CB9 Delta Cnt | | |
| | CTRL.OpDelGGIO9.ISCSO1 | stVal |
| CB9 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO9.Mod | stVal |
| | CTRL.OpDelGGIO9.Beh | stVal |
| CB9 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO9.SPCSO | stVal |
| CB9 Delta Cnt Target | | |
| | CTRL.OpDelGGIO9.ISCSO2 | stVal |
| CB9 Open Cnt | | |
| | CTRL.OpCntGGIO9.ISCSO1 | stVal |
| CB9 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO9.Mod | stVal |
| | CTRL.OpCntGGIO9.Beh | stVal |
| CB9 Open Cnt Operated | | |
| | CTRL.OpCntGGIO9.SPCSO | stVal |
| CB9 Open Cnt Target | | |
| | CTRL.OpCntGGIO9.ISCSO2 | stVal |
| CB10 Delta Cnt | | |
| | CTRL.OpDelGGIO10.ISCSO1 | stVal |
| CB10 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO10.Mod | stVal |
| | CTRL.OpDelGGIO10.Beh | stVal |
| CB10 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO10.SPCSO | stVal |
| CB10 Delta Cnt Target | | |
| | CTRL.OpDelGGIO10.ISCSO2 | stVal |

| | | |
|-------------------------|-------------------------|-------|
| CB10 Open Cnt | | |
| | CTRL.OpCntGGIO10.ISCSO1 | stVal |
| CB10 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO10.Mod | stVal |
| | CTRL.OpCntGGIO10.Beh | stVal |
| CB10 Open Cnt Operated | | |
| | CTRL.OpCntGGIO10.SPCSO | stVal |
| CB10 Open Cnt Target | | |
| | CTRL.OpCntGGIO10.ISCSO2 | stVal |
| CB11 Delta Cnt | | |
| | CTRL.OpDelGGIO11.ISCSO1 | stVal |
| CB11 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO11.Mod | stVal |
| | CTRL.OpDelGGIO11.Beh | stVal |
| CB11 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO11.SPCSO | stVal |
| CB11 Delta Cnt Target | | |
| | CTRL.OpDelGGIO11.ISCSO2 | stVal |
| CB11 Open Cnt | | |
| | CTRL.OpCntGGIO11.ISCSO1 | stVal |
| CB11 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO11.Mod | stVal |
| | CTRL.OpCntGGIO11.Beh | stVal |
| CB11 Open Cnt Operated | | |
| | CTRL.OpCntGGIO11.SPCSO | stVal |
| CB11 Open Cnt Target | | |
| | CTRL.OpCntGGIO11.ISCSO2 | stVal |
| CB12 Delta Cnt | | |
| | CTRL.OpDelGGIO12.ISCSO1 | stVal |
| CB12 Delta Cnt Enabled | | |
| | CTRL.OpDelGGIO12.Mod | stVal |
| | CTRL.OpDelGGIO12.Beh | stVal |
| CB12 Delta Cnt Operated | | |
| | CTRL.OpDelGGIO12.SPCSO | stVal |
| CB12 Delta Cnt Target | | |
| | CTRL.OpDelGGIO12.ISCSO2 | stVal |

| | | |
|------------------------|-------------------------|-------|
| CB12 Open Cnt | | |
| | CTRL.OpCntGGIO12.ISCSO1 | stVal |
| CB12 Open Cnt Enabled | | |
| | CTRL.OpCntGGIO12.Mod | stVal |
| | CTRL.OpCntGGIO12.Beh | stVal |
| CB12 Open Cnt Operated | | |
| | CTRL.OpCntGGIO12.SPCSO | stVal |
| CB12 Open Cnt Target | | |
| | CTRL.OpCntGGIO12.ISCSO2 | stVal |

2.5 CB Trip Counters

| Reyrolle | DOI | DA Group |
|-----------------------|-------------------------|----------|
| CB Delta Cnt | | |
| | CTRL.TrpDelGGIO1.ISCSO1 | stVal |
| CB Delta Cnt Enabled | | |
| | CTRL.TrpDelGGIO1.Mod | stVal |
| | CTRL.TrpDelGGIO1.Beh | stVal |
| CB Delta Cnt Operated | | |
| | CTRL.TrpDelGGIO1.SPCSO | stVal |
| CB Delta Cnt Target | | |
| | CTRL.TrpDelGGIO1.ISCSO2 | stVal |
| CB Trip Cnt | | |
| | CTRL.TrpCntGGIO1.ISCSO1 | stVal |
| CB Trip Cnt Enabled | | |
| | CTRL.TrpCntGGIO1.Mod | stVal |
| | CTRL.TrpCntGGIO1.Beh | stVal |
| CB Trip Cnt Operated | | |
| | CTRL.TrpCntGGIO1.SPCSO | stVal |
| CB Trip Cnt Target | | |
| | CTRL.TrpCntGGIO1.ISCSO2 | stVal |

2.6 Change Group

| Reyrolle | DOI | DA Group |
|----------|-----|----------|
|----------|-----|----------|

| | | |
|---|----------------|---------|
| Active Setting Group 1 | | |
| | PROT.LLN0.SGCB | ActSG |
| | PROT.LLN0.SGCB | LActTm |
| Active Setting Group 2 | | |
| | PROT.LLN0.SGCB | ActSG |
| | PROT.LLN0.SGCB | LActTm |
| Active Setting Group 3 | | |
| | PROT.LLN0.SGCB | ActSG |
| | PROT.LLN0.SGCB | LActTm |
| Active Setting Group 4 | | |
| | PROT.LLN0.SGCB | ActSG |
| | PROT.LLN0.SGCB | LActTm |
| Number of 61850 Controllable Setting Groups | | |
| | PROT.LLN0.SGCB | NumOfSG |

2.7 Disturbance Recorder

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

2.8 Double Point Controls (Enhanced Security)

| Reyrolle | DOI | DA Group |
|------------------|------------------------|-------------|
| DPDOes 1 Control | | |
| | CTRL.DPDOesGGIO1.DPCSO | Oper.ctlVal |
| DPDOes 1 Status | | |
| | CTRL.DPDOesGGIO1.DPCSO | stVal |
| DPDOes 2 Control | | |
| | CTRL.DPDOesGGIO2.DPCSO | Oper.ctlVal |
| DPDOes 2 Status | | |

| | | |
|------------------|------------------------|-------------|
| | CTRL.DPDOesGGIO2.DPCSO | stVal |
| DPDOes 3 Control | | |
| | CTRL.DPDOesGGIO3.DPCSO | Oper.ctlVal |
| DPDOes 3 Status | | |
| | CTRL.DPDOesGGIO3.DPCSO | stVal |
| DPDOes 4 Control | | |
| | CTRL.DPDOesGGIO4.DPCSO | Oper.ctlVal |
| DPDOes 4 Status | | |
| | CTRL.DPDOesGGIO4.DPCSO | stVal |

2.9 Double Point Controls (Normal Security)

| Reyrolle | DOI | DA Group |
|------------------|------------------------|-------------|
| DPDOns 1 Control | | |
| | CTRL.DPDOnsGGIO1.DPCSO | Oper.ctlVal |
| DPDOns 1 Status | | |
| | CTRL.DPDOnsGGIO1.DPCSO | stVal |
| DPDOns 2 Control | | |
| | CTRL.DPDOnsGGIO2.DPCSO | Oper.ctlVal |
| DPDOns 2 Status | | |
| | CTRL.DPDOnsGGIO2.DPCSO | stVal |
| DPDOns 3 Control | | |
| | CTRL.DPDOnsGGIO3.DPCSO | Oper.ctlVal |
| DPDOns 3 Status | | |
| | CTRL.DPDOnsGGIO3.DPCSO | stVal |
| DPDOns 4 Control | | |
| | CTRL.DPDOnsGGIO4.DPCSO | Oper.ctlVal |
| DPDOns 4 Status | | |
| | CTRL.DPDOnsGGIO4.DPCSO | stVal |

2.10 Double Point Inputs

| Reyrolle | DOI | DA Group |
|-------------------|-----------------------|----------|
| DPi8GGIO1 DPCSO 1 | | |
| | CTRL.DPi8GGIO1.DPCSO1 | ctlVal |

| | | |
|-------------------|-----------------------|--------|
| DPI8GGIO1 DPCSO 2 | | |
| | CTRL.DPI8GGIO1.DPCSO2 | ctIVal |
| DPI8GGIO1 DPCSO 3 | | |
| | CTRL.DPI8GGIO1.DPCSO3 | ctIVal |
| DPI8GGIO1 DPCSO 4 | | |
| | CTRL.DPI8GGIO1.DPCSO4 | ctIVal |
| DPI8GGIO1 DPCSO 5 | | |
| | CTRL.DPI8GGIO1.DPCSO5 | ctIVal |
| DPI8GGIO1 DPCSO 6 | | |
| | CTRL.DPI8GGIO1.DPCSO6 | ctIVal |
| DPI8GGIO1 DPCSO 7 | | |
| | CTRL.DPI8GGIO1.DPCSO7 | ctIVal |
| DPI8GGIO1 DPCSO 8 | | |
| | CTRL.DPI8GGIO1.DPCSO8 | ctIVal |
| DPI8GGIO2 DPCSO 1 | | |
| | CTRL.DPI8GGIO2.DPCSO1 | ctIVal |
| DPI8GGIO2 DPCSO 2 | | |
| | CTRL.DPI8GGIO2.DPCSO2 | ctIVal |
| DPI8GGIO2 DPCSO 3 | | |
| | CTRL.DPI8GGIO2.DPCSO3 | ctIVal |
| DPI8GGIO2 DPCSO 4 | | |
| | CTRL.DPI8GGIO2.DPCSO4 | ctIVal |
| DPI8GGIO2 DPCSO 5 | | |
| | CTRL.DPI8GGIO2.DPCSO5 | ctIVal |
| DPI8GGIO2 DPCSO 6 | | |
| | CTRL.DPI8GGIO2.DPCSO6 | ctIVal |
| DPI8GGIO2 DPCSO 7 | | |
| | CTRL.DPI8GGIO2.DPCSO7 | ctIVal |
| DPI8GGIO2 DPCSO 8 | | |
| | CTRL.DPI8GGIO2.DPCSO8 | ctIVal |

2.11 Double Point Outputs

| Reyrolle | DOI | DA Group |
|-----------------|-----------------------|----------|
| DPo8GGIO1 Ind 1 | | |
| | CTRL.DPo8GGIO1.DPCSO1 | stVal |

| | | |
|-----------------|-----------------------|-------|
| DPo8GGIO1 Ind 2 | | |
| | CTRL.DPo8GGIO1.DPCSO2 | stVal |
| DPo8GGIO1 Ind 3 | | |
| | CTRL.DPo8GGIO1.DPCSO3 | stVal |
| DPo8GGIO1 Ind 4 | | |
| | CTRL.DPo8GGIO1.DPCSO4 | stVal |
| DPo8GGIO1 Ind 5 | | |
| | CTRL.DPo8GGIO1.DPCSO5 | stVal |
| DPo8GGIO1 Ind 6 | | |
| | CTRL.DPo8GGIO1.DPCSO6 | stVal |
| DPo8GGIO1 Ind 7 | | |
| | CTRL.DPo8GGIO1.DPCSO7 | stVal |
| DPo8GGIO1 Ind 8 | | |
| | CTRL.DPo8GGIO1.DPCSO8 | stVal |
| DPo8GGIO2 Ind 1 | | |
| | CTRL.DPo8GGIO2.DPCSO1 | stVal |
| DPo8GGIO2 Ind 2 | | |
| | CTRL.DPo8GGIO2.DPCSO2 | stVal |
| DPo8GGIO2 Ind 3 | | |
| | CTRL.DPo8GGIO2.DPCSO3 | stVal |
| DPo8GGIO2 Ind 4 | | |
| | CTRL.DPo8GGIO2.DPCSO4 | stVal |
| DPo8GGIO2 Ind 5 | | |
| | CTRL.DPo8GGIO2.DPCSO5 | stVal |
| DPo8GGIO2 Ind 6 | | |
| | CTRL.DPo8GGIO2.DPCSO6 | stVal |
| DPo8GGIO2 Ind 7 | | |
| | CTRL.DPo8GGIO2.DPCSO7 | stVal |
| DPo8GGIO2 Ind 8 | | |
| | CTRL.DPo8GGIO2.DPCSO8 | stVal |

2.12 General Trip Information

| Reyrolle | DOI | DA Group |
|----------|---------------|----------|
| CB Trip | | |
| | PROT.PTRC1.Tr | general |

| | | |
|-------------------|--------------------|-------------|
| CB Trip Count | | |
| | PROT.PTRC1.OpCntRs | stVal |
| General Operate | | |
| | PROT.PTRC1.Op | general |
| General Pickup | | |
| | PROT.PTRC1.Str | general |
| Set CB Trip Count | | |
| | PROT.PTRC1.OpCntRs | Oper.ctlVal |

2.13 LEDs

| Reyrolle | DOI | DA Group |
|----------|---------------------|----------|
| LED 1 | | |
| | CTRL.L16GGIO1.Ind1 | stVal |
| LED 2 | | |
| | CTRL.L16GGIO1.Ind2 | stVal |
| LED 3 | | |
| | CTRL.L16GGIO1.Ind3 | stVal |
| LED 4 | | |
| | CTRL.L16GGIO1.Ind4 | stVal |
| LED 5 | | |
| | CTRL.L16GGIO1.Ind5 | stVal |
| LED 6 | | |
| | CTRL.L16GGIO1.Ind6 | stVal |
| LED 7 | | |
| | CTRL.L16GGIO1.Ind7 | stVal |
| LED 8 | | |
| | CTRL.L16GGIO1.Ind8 | stVal |
| LED 9 | | |
| | CTRL.L16GGIO1.Ind9 | stVal |
| LED 10 | | |
| | CTRL.L16GGIO1.Ind10 | stVal |
| LED 11 | | |
| | CTRL.L16GGIO1.Ind11 | stVal |
| LED 12 | | |
| | CTRL.L16GGIO1.Ind12 | stVal |
| LED 13 | | |
| | CTRL.L16GGIO1.Ind13 | stVal |
| LED 14 | | |
| | CTRL.L16GGIO1.Ind14 | stVal |
| LED 15 | | |
| | CTRL.L16GGIO1.Ind15 | stVal |
| LED 16 | | |
| | CTRL.L16GGIO1.Ind16 | stVal |

2.14 Measured Earth Fault

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

2.15 Quick Logic Equations

| Reyrolle | DOI | DA Group |
|-------------------------|---------------------|----------|
| Quick Logic Equation 1 | | |
| | CTRL.E16GGIO1.Ind1 | stVal |
| Quick Logic Equation 2 | | |
| | CTRL.E16GGIO1.Ind2 | stVal |
| Quick Logic Equation 3 | | |
| | CTRL.E16GGIO1.Ind3 | stVal |
| Quick Logic Equation 4 | | |
| | CTRL.E16GGIO1.Ind4 | stVal |
| Quick Logic Equation 5 | | |
| | CTRL.E16GGIO1.Ind5 | stVal |
| Quick Logic Equation 6 | | |
| | CTRL.E16GGIO1.Ind6 | stVal |
| Quick Logic Equation 7 | | |
| | CTRL.E16GGIO1.Ind7 | stVal |
| Quick Logic Equation 8 | | |
| | CTRL.E16GGIO1.Ind8 | stVal |
| Quick Logic Equation 9 | | |
| | CTRL.E16GGIO1.Ind9 | stVal |
| Quick Logic Equation 10 | | |
| | CTRL.E16GGIO1.Ind10 | stVal |
| Quick Logic Equation 11 | | |
| | CTRL.E16GGIO1.Ind11 | stVal |
| Quick Logic Equation 12 | | |
| | CTRL.E16GGIO1.Ind12 | stVal |
| Quick Logic Equation 13 | | |
| | CTRL.E16GGIO1.Ind13 | stVal |
| Quick Logic Equation 14 | | |
| | CTRL.E16GGIO1.Ind14 | stVal |
| Quick Logic Equation 15 | | |
| | CTRL.E16GGIO1.Ind15 | stVal |
| Quick Logic Equation 16 | | |
| | CTRL.E16GGIO1.Ind16 | stVal |

2.16 Restricted Earth Fault

| Reyrolle | DOI | DA Group |
|------------------|----------------------|----------|
| 87REF-1 Enabled | | |
| | PROT.A87RefPTOC1.Mod | stVal |
| | PROT.A87RefPTOC1.Beh | stVal |
| 87REF-1 Operated | | |
| | PROT.A87RefPTOC1.Op | general |
| 87REF-1 Pickup | | |
| | PROT.A87RefPTOC1.Str | general |
| 87REF-2 Enabled | | |
| | PROT.A87RefPTOC2.Mod | stVal |
| | PROT.A87RefPTOC2.Beh | stVal |
| 87REF-2 Operated | | |
| | PROT.A87RefPTOC2.Op | general |
| 87REF-2 Pickup | | |
| | PROT.A87RefPTOC2.Str | general |
| Inhibit 87REF-1 | | |
| | PROT.A87RefPTOC1.Mod | stVal |
| | PROT.A87RefPTOC1.Beh | stVal |
| Inhibit 87REF-2 | | |
| | PROT.A87RefPTOC2.Mod | stVal |
| | PROT.A87RefPTOC2.Beh | stVal |

2.17 Single Point Controls (Enhanced Security)

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

2.18 Single Point Controls (Normal Security)

| Reyrolle | DOI | DA Group |
|-----------------|-----------------------|-------------|
| SPDOs 1 Control | | |
| | CTRL.SPDOsGGIO1.SPCSO | Oper.ctlVal |
| SPDOs 1 Status | | |
| | CTRL.SPDOsGGIO1.SPCSO | stVal |
| SPDOs 2 Control | | |
| | CTRL.SPDOsGGIO2.SPCSO | Oper.ctlVal |
| SPDOs 2 Status | | |
| | CTRL.SPDOsGGIO2.SPCSO | stVal |
| SPDOs 3 Control | | |
| | CTRL.SPDOsGGIO3.SPCSO | Oper.ctlVal |
| SPDOs 3 Status | | |
| | CTRL.SPDOsGGIO3.SPCSO | stVal |
| SPDOs 4 Control | | |
| | CTRL.SPDOsGGIO4.SPCSO | Oper.ctlVal |
| SPDOs 4 Status | | |
| | CTRL.SPDOsGGIO4.SPCSO | stVal |

2.19 Single Point Inputs

| Reyrolle | DOI | DA Group |
|---------------------|-------------------------|----------|
| SPi64GGIO1 SPCSO 1 | | |
| | CTRL.SPi64GGIO1.SPCSO1 | ctlVal |
| SPi64GGIO1 SPCSO 2 | | |
| | CTRL.SPi64GGIO1.SPCSO2 | ctlVal |
| SPi64GGIO1 SPCSO 3 | | |
| | CTRL.SPi64GGIO1.SPCSO3 | ctlVal |
| SPi64GGIO1 SPCSO 4 | | |
| | CTRL.SPi64GGIO1.SPCSO4 | ctlVal |
| SPi64GGIO1 SPCSO 5 | | |
| | CTRL.SPi64GGIO1.SPCSO5 | ctlVal |
| SPi64GGIO1 SPCSO 6 | | |
| | CTRL.SPi64GGIO1.SPCSO6 | ctlVal |
| SPi64GGIO1 SPCSO 7 | | |
| | CTRL.SPi64GGIO1.SPCSO7 | ctlVal |
| SPi64GGIO1 SPCSO 8 | | |
| | CTRL.SPi64GGIO1.SPCSO8 | ctlVal |
| SPi64GGIO1 SPCSO 9 | | |
| | CTRL.SPi64GGIO1.SPCSO9 | ctlVal |
| SPi64GGIO1 SPCSO 10 | | |
| | CTRL.SPi64GGIO1.SPCSO10 | ctlVal |
| SPi64GGIO1 SPCSO 11 | | |
| | CTRL.SPi64GGIO1.SPCSO11 | ctlVal |
| SPi64GGIO1 SPCSO 12 | | |
| | CTRL.SPi64GGIO1.SPCSO12 | ctlVal |
| SPi64GGIO1 SPCSO 13 | | |
| | CTRL.SPi64GGIO1.SPCSO13 | ctlVal |
| SPi64GGIO1 SPCSO 14 | | |
| | CTRL.SPi64GGIO1.SPCSO14 | ctlVal |
| SPi64GGIO1 SPCSO 15 | | |
| | CTRL.SPi64GGIO1.SPCSO15 | ctlVal |
| SPi64GGIO1 SPCSO 16 | | |
| | CTRL.SPi64GGIO1.SPCSO16 | ctlVal |
| SPi64GGIO1 SPCSO 17 | | |

| | | |
|---------------------|-------------------------|--------|
| | CTRL.SPi64GGIO1.SPCSO17 | ctIVal |
| SPi64GGIO1 SPCSO 18 | | |
| | CTRL.SPi64GGIO1.SPCSO18 | ctIVal |
| SPi64GGIO1 SPCSO 19 | | |
| | CTRL.SPi64GGIO1.SPCSO19 | ctIVal |
| SPi64GGIO1 SPCSO 20 | | |
| | CTRL.SPi64GGIO1.SPCSO20 | ctIVal |
| SPi64GGIO1 SPCSO 21 | | |
| | CTRL.SPi64GGIO1.SPCSO21 | ctIVal |
| SPi64GGIO1 SPCSO 22 | | |
| | CTRL.SPi64GGIO1.SPCSO22 | ctIVal |
| SPi64GGIO1 SPCSO 23 | | |
| | CTRL.SPi64GGIO1.SPCSO23 | ctIVal |
| SPi64GGIO1 SPCSO 24 | | |
| | CTRL.SPi64GGIO1.SPCSO24 | ctIVal |
| SPi64GGIO1 SPCSO 25 | | |
| | CTRL.SPi64GGIO1.SPCSO25 | ctIVal |
| SPi64GGIO1 SPCSO 26 | | |
| | CTRL.SPi64GGIO1.SPCSO26 | ctIVal |
| SPi64GGIO1 SPCSO 27 | | |
| | CTRL.SPi64GGIO1.SPCSO27 | ctIVal |
| SPi64GGIO1 SPCSO 28 | | |
| | CTRL.SPi64GGIO1.SPCSO28 | ctIVal |
| SPi64GGIO1 SPCSO 29 | | |
| | CTRL.SPi64GGIO1.SPCSO29 | ctIVal |
| SPi64GGIO1 SPCSO 30 | | |
| | CTRL.SPi64GGIO1.SPCSO30 | ctIVal |
| SPi64GGIO1 SPCSO 31 | | |
| | CTRL.SPi64GGIO1.SPCSO31 | ctIVal |
| SPi64GGIO1 SPCSO 32 | | |
| | CTRL.SPi64GGIO1.SPCSO32 | ctIVal |
| SPi64GGIO1 SPCSO 33 | | |
| | CTRL.SPi64GGIO1.SPCSO33 | ctIVal |
| SPi64GGIO1 SPCSO 34 | | |
| | CTRL.SPi64GGIO1.SPCSO34 | ctIVal |
| SPi64GGIO1 SPCSO 35 | | |

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|---------------------|-------------------------|--------|
| | CTRL.SPi64GGIO1.SPCSO35 | ctlVal |
| SPi64GGIO1 SPCSO 36 | | |
| | CTRL.SPi64GGIO1.SPCSO36 | ctlVal |
| SPi64GGIO1 SPCSO 37 | | |
| | CTRL.SPi64GGIO1.SPCSO37 | ctlVal |
| SPi64GGIO1 SPCSO 38 | | |
| | CTRL.SPi64GGIO1.SPCSO38 | ctlVal |
| SPi64GGIO1 SPCSO 39 | | |
| | CTRL.SPi64GGIO1.SPCSO39 | ctlVal |
| SPi64GGIO1 SPCSO 40 | | |
| | CTRL.SPi64GGIO1.SPCSO40 | ctlVal |
| SPi64GGIO1 SPCSO 41 | | |
| | CTRL.SPi64GGIO1.SPCSO41 | ctlVal |
| SPi64GGIO1 SPCSO 42 | | |
| | CTRL.SPi64GGIO1.SPCSO42 | ctlVal |
| SPi64GGIO1 SPCSO 43 | | |
| | CTRL.SPi64GGIO1.SPCSO43 | ctlVal |
| SPi64GGIO1 SPCSO 44 | | |
| | CTRL.SPi64GGIO1.SPCSO44 | ctlVal |
| SPi64GGIO1 SPCSO 45 | | |
| | CTRL.SPi64GGIO1.SPCSO45 | ctlVal |
| SPi64GGIO1 SPCSO 46 | | |
| | CTRL.SPi64GGIO1.SPCSO46 | ctlVal |
| SPi64GGIO1 SPCSO 47 | | |
| | CTRL.SPi64GGIO1.SPCSO47 | ctlVal |
| SPi64GGIO1 SPCSO 48 | | |
| | CTRL.SPi64GGIO1.SPCSO48 | ctlVal |
| SPi64GGIO1 SPCSO 49 | | |
| | CTRL.SPi64GGIO1.SPCSO49 | ctlVal |
| SPi64GGIO1 SPCSO 50 | | |
| | CTRL.SPi64GGIO1.SPCSO50 | ctlVal |
| SPi64GGIO1 SPCSO 51 | | |
| | CTRL.SPi64GGIO1.SPCSO51 | ctlVal |
| SPi64GGIO1 SPCSO 52 | | |
| | CTRL.SPi64GGIO1.SPCSO52 | ctlVal |
| SPi64GGIO1 SPCSO 53 | | |

| | | |
|---------------------|-------------------------|--------|
| | CTRL.SPi64GGIO1.SPCSO53 | ctlVal |
| SPi64GGIO1 SPCSO 54 | | |
| | CTRL.SPi64GGIO1.SPCSO54 | ctlVal |
| SPi64GGIO1 SPCSO 55 | | |
| | CTRL.SPi64GGIO1.SPCSO55 | ctlVal |
| SPi64GGIO1 SPCSO 56 | | |
| | CTRL.SPi64GGIO1.SPCSO56 | ctlVal |
| SPi64GGIO1 SPCSO 57 | | |
| | CTRL.SPi64GGIO1.SPCSO57 | ctlVal |
| SPi64GGIO1 SPCSO 58 | | |
| | CTRL.SPi64GGIO1.SPCSO58 | ctlVal |
| SPi64GGIO1 SPCSO 59 | | |
| | CTRL.SPi64GGIO1.SPCSO59 | ctlVal |
| SPi64GGIO1 SPCSO 60 | | |
| | CTRL.SPi64GGIO1.SPCSO60 | ctlVal |
| SPi64GGIO1 SPCSO 61 | | |
| | CTRL.SPi64GGIO1.SPCSO61 | ctlVal |
| SPi64GGIO1 SPCSO 62 | | |
| | CTRL.SPi64GGIO1.SPCSO62 | ctlVal |
| SPi64GGIO1 SPCSO 63 | | |
| | CTRL.SPi64GGIO1.SPCSO63 | ctlVal |
| SPi64GGIO1 SPCSO 64 | | |
| | CTRL.SPi64GGIO1.SPCSO64 | ctlVal |

2.20 Single Point Outputs

| Reyrolle | DOI | DA Group |
|-------------------|-----------------------|----------|
| SPo32GGIO1 Ind 1 | | |
| | CTRL.SPo32GGIO1.Ind1 | stVal |
| SPo32GGIO1 Ind 2 | | |
| | CTRL.SPo32GGIO1.Ind2 | stVal |
| SPo32GGIO1 Ind 3 | | |
| | CTRL.SPo32GGIO1.Ind3 | stVal |
| SPo32GGIO1 Ind 4 | | |
| | CTRL.SPo32GGIO1.Ind4 | stVal |
| SPo32GGIO1 Ind 5 | | |
| | CTRL.SPo32GGIO1.Ind5 | stVal |
| SPo32GGIO1 Ind 6 | | |
| | CTRL.SPo32GGIO1.Ind6 | stVal |
| SPo32GGIO1 Ind 7 | | |
| | CTRL.SPo32GGIO1.Ind7 | stVal |
| SPo32GGIO1 Ind 8 | | |
| | CTRL.SPo32GGIO1.Ind8 | stVal |
| SPo32GGIO1 Ind 9 | | |
| | CTRL.SPo32GGIO1.Ind9 | stVal |
| SPo32GGIO1 Ind 10 | | |
| | CTRL.SPo32GGIO1.Ind10 | stVal |
| SPo32GGIO1 Ind 11 | | |
| | CTRL.SPo32GGIO1.Ind11 | stVal |
| SPo32GGIO1 Ind 12 | | |
| | CTRL.SPo32GGIO1.Ind12 | stVal |
| SPo32GGIO1 Ind 13 | | |
| | CTRL.SPo32GGIO1.Ind13 | stVal |
| SPo32GGIO1 Ind 14 | | |
| | CTRL.SPo32GGIO1.Ind14 | stVal |
| SPo32GGIO1 Ind 15 | | |
| | CTRL.SPo32GGIO1.Ind15 | stVal |
| SPo32GGIO1 Ind 16 | | |
| | CTRL.SPo32GGIO1.Ind16 | stVal |
| SPo32GGIO1 Ind 17 | | |

| | | |
|-------------------|-----------------------|-------|
| | CTRL.SP032GGIO1.Ind17 | stVal |
| SPo32GGIO1 Ind 18 | | |
| | CTRL.SP032GGIO1.Ind18 | stVal |
| SPo32GGIO1 Ind 19 | | |
| | CTRL.SP032GGIO1.Ind19 | stVal |
| SPo32GGIO1 Ind 20 | | |
| | CTRL.SP032GGIO1.Ind20 | stVal |
| SPo32GGIO1 Ind 21 | | |
| | CTRL.SP032GGIO1.Ind21 | stVal |
| SPo32GGIO1 Ind 22 | | |
| | CTRL.SP032GGIO1.Ind22 | stVal |
| SPo32GGIO1 Ind 23 | | |
| | CTRL.SP032GGIO1.Ind23 | stVal |
| SPo32GGIO1 Ind 24 | | |
| | CTRL.SP032GGIO1.Ind24 | stVal |
| SPo32GGIO1 Ind 25 | | |
| | CTRL.SP032GGIO1.Ind25 | stVal |
| SPo32GGIO1 Ind 26 | | |
| | CTRL.SP032GGIO1.Ind26 | stVal |
| SPo32GGIO1 Ind 27 | | |
| | CTRL.SP032GGIO1.Ind27 | stVal |
| SPo32GGIO1 Ind 28 | | |
| | CTRL.SP032GGIO1.Ind28 | stVal |
| SPo32GGIO1 Ind 29 | | |
| | CTRL.SP032GGIO1.Ind29 | stVal |
| SPo32GGIO1 Ind 30 | | |
| | CTRL.SP032GGIO1.Ind30 | stVal |
| SPo32GGIO1 Ind 31 | | |
| | CTRL.SP032GGIO1.Ind31 | stVal |
| SPo32GGIO1 Ind 32 | | |
| | CTRL.SP032GGIO1.Ind32 | stVal |

2.21 User Alarms

| Reyrolle | DOI | DA Group |
|----------|-----------------------|----------|
| Alarm 1 | | |
| | CTRL.Alm32GGIO1.Ind1 | stVal |
| Alarm 2 | | |
| | CTRL.Alm32GGIO1.Ind2 | stVal |
| Alarm 3 | | |
| | CTRL.Alm32GGIO1.Ind3 | stVal |
| Alarm 4 | | |
| | CTRL.Alm32GGIO1.Ind4 | stVal |
| Alarm 5 | | |
| | CTRL.Alm32GGIO1.Ind5 | stVal |
| Alarm 6 | | |
| | CTRL.Alm32GGIO1.Ind6 | stVal |
| Alarm 7 | | |
| | CTRL.Alm32GGIO1.Ind7 | stVal |
| Alarm 8 | | |
| | CTRL.Alm32GGIO1.Ind8 | stVal |
| Alarm 9 | | |
| | CTRL.Alm32GGIO1.Ind9 | stVal |
| Alarm 10 | | |
| | CTRL.Alm32GGIO1.Ind10 | stVal |
| Alarm 11 | | |
| | CTRL.Alm32GGIO1.Ind11 | stVal |
| Alarm 12 | | |
| | CTRL.Alm32GGIO1.Ind12 | stVal |
| Alarm 13 | | |
| | CTRL.Alm32GGIO1.Ind13 | stVal |
| Alarm 14 | | |
| | CTRL.Alm32GGIO1.Ind14 | stVal |
| Alarm 15 | | |
| | CTRL.Alm32GGIO1.Ind15 | stVal |
| Alarm 16 | | |
| | CTRL.Alm32GGIO1.Ind16 | stVal |
| Alarm 17 | | |

| | | |
|----------|-----------------------|-------|
| | CTRL.Alm32GGIO1.Ind17 | stVal |
| Alarm 18 | | |
| | CTRL.Alm32GGIO1.Ind18 | stVal |
| Alarm 19 | | |
| | CTRL.Alm32GGIO1.Ind19 | stVal |
| Alarm 20 | | |
| | CTRL.Alm32GGIO1.Ind20 | stVal |
| Alarm 21 | | |
| | CTRL.Alm32GGIO1.Ind21 | stVal |
| Alarm 22 | | |
| | CTRL.Alm32GGIO1.Ind22 | stVal |
| Alarm 23 | | |
| | CTRL.Alm32GGIO1.Ind23 | stVal |
| Alarm 24 | | |
| | CTRL.Alm32GGIO1.Ind24 | stVal |
| Alarm 25 | | |
| | CTRL.Alm32GGIO1.Ind25 | stVal |
| Alarm 26 | | |
| | CTRL.Alm32GGIO1.Ind26 | stVal |
| Alarm 27 | | |
| | CTRL.Alm32GGIO1.Ind27 | stVal |
| Alarm 28 | | |
| | CTRL.Alm32GGIO1.Ind28 | stVal |
| Alarm 29 | | |
| | CTRL.Alm32GGIO1.Ind29 | stVal |
| Alarm 30 | | |
| | CTRL.Alm32GGIO1.Ind30 | stVal |
| Alarm 31 | | |
| | CTRL.Alm32GGIO1.Ind31 | stVal |
| Alarm 32 | | |
| | CTRL.Alm32GGIO1.Ind32 | stVal |

2.22 Virtuals

| Reyrolle | DOI | DA Group |
|------------------|---------------------|----------|
| Virtual Point 1 | | |
| | CTRL.V16GGIO1.Ind1 | stVal |
| Virtual Point 2 | | |
| | CTRL.V16GGIO1.Ind2 | stVal |
| Virtual Point 3 | | |
| | CTRL.V16GGIO1.Ind3 | stVal |
| Virtual Point 4 | | |
| | CTRL.V16GGIO1.Ind4 | stVal |
| Virtual Point 5 | | |
| | CTRL.V16GGIO1.Ind5 | stVal |
| Virtual Point 6 | | |
| | CTRL.V16GGIO1.Ind6 | stVal |
| Virtual Point 7 | | |
| | CTRL.V16GGIO1.Ind7 | stVal |
| Virtual Point 8 | | |
| | CTRL.V16GGIO1.Ind8 | stVal |
| Virtual Point 9 | | |
| | CTRL.V16GGIO1.Ind9 | stVal |
| Virtual Point 10 | | |
| | CTRL.V16GGIO1.Ind10 | stVal |
| Virtual Point 11 | | |
| | CTRL.V16GGIO1.Ind11 | stVal |
| Virtual Point 12 | | |
| | CTRL.V16GGIO1.Ind12 | stVal |
| Virtual Point 13 | | |
| | CTRL.V16GGIO1.Ind13 | stVal |
| Virtual Point 14 | | |
| | CTRL.V16GGIO1.Ind14 | stVal |
| Virtual Point 15 | | |
| | CTRL.V16GGIO1.Ind15 | stVal |
| Virtual Point 16 | | |
| | CTRL.V16GGIO1.Ind16 | stVal |