

AC

Totalizador de red:

- Marca: CHINT
- Referencia: NXM-250S/3300
- Corriente: 200A
- Cable: 4/0 AWG

ATS

Controlador:

- INTELILITE AMF 25 COMAP GENUINE AMF25

Contactor red:

- Marca: ABB
- Referencia: AF265-30

Contactor generador:

- Marca: ABB
- Referencia: AF265-30

Supresor de picos:

- Marca: Legrand
- Referencia: 608400

ML:

- Ancho: 0,9 m y alto: 1m
- Marca: punto eléctrico
- Voltaje nominal: 220 V
- Capacidad: 10KA
- Corriente nominal: 225 A
- 6 posiciones: 4 ocupadas y 2 libres

Totalizador principal:

- Marca: CHINT
- Referencia NM1-250S/3300
- Corriente 225 A

Totalizador rectificador Eltek 1:

- Marca: CHINT
- referencia: NM1-125S/3300
- Corriente 125A
- cable salida 1/0 entrada barraje de tablero

Totalizador rectificador Eltek 2:

- Marca: CHINT
- referencia: NM1-125S/3300
- Corriente 125A
- cable salida 1/0 entrada barraje de tablero

Totalizador tablero eléctrico y cuarto de equipos:

- Marca: CHINT

- Referencia: NM1-125S/3300
- Corriente 63A
- Cable de salida 6AWG entrada barraje de tablero

Totalizador tablero electrico condensadoras:

- Marca: CHINT
- Referencia: NM1-125S/3300
- Corriente 80A
- Cable de salida 4AWG entrada barraje de tablero

Rectificador Eltek 1:

- Referencia: FP2 60KW, 48V, 220V G3
- Serie: 211542000034
- Totalizador de entrada: marca Chint, referencia: LZM2, variable de 160 a 200 A
- Módulos instalados: 21 flatpack2 de 3000 w
- Salidas: 2 de 800A fusible Bussman, referencia: NH4, 2 de 500 A fusible bussman referencia NH3, 1 de 400A referencia NH03, conectadas las dos de 500A con cable 1/0, **salida 3 PDB1 lado A**, Salida 4 a PDB2 lado A
- Salidas para baterías: 4 fusibles BUSSMAN de 400A referencia: NH03, conectado 1 y 2 al banco de baterías 2 de litio 1400 Ah

Rectificador Eltek 2:

- Referencia: FP2 60KW, 48V, 220V G3
- serie: 211542000035
- totalizador de entrada: marca Chint referencia: LZM2
- variable de 160 a 200 A
- módulos instalados: 21 flatpack2 de 3000w
- salidas: 2 de 800A fusible Bussman, referencia: NH4, 2 de 500 A fusible Bussman, referencia NH3, 1 de 400A ref NH03, conectadas las dos de 500A con cable 1/0, salida 3 PDB1 lado B, Salida 4 a PDB2 lado B.
- Salidas para baterías: 4 fusibles BUSSMAN de 400A ref: NH03, conectado 1 y 2 a banco de baterías 1 de litio 1400 Ah.

PDB 1

48 VDC y 150 A

TOTALIZADOR FUENTE N°1

- Marca: Schneider Electric
- Modelo: EasyPact EZC 250N
- Capacidad: 150A
- Norma: IEC 60947-2
- Ui: 690V ~
- Frecuencia: 50/60Hz
- Uimp: 6kV

- Categoría: Cat.A 40°C
- Código: 8ADL-2018-W52-2

Valores eléctricos (Ue / Icu/Ics):

- 230/240V → 50 / 25 kA
- 400/415V → 25 / 13 kA
- 440V → 20 / 10 kA
- 550V → 8 / 4 kA
- 250V → 20 / 10 kA

Fuente A

1. Schneider Electric C120N C80A NOKIA 7750 SR-12 clo-cci-7750sr12-01
FUENTE A: 9.8A
2. Schneider Electric IC60N C6A NOKIA 7210 SAS-sx clo-cci-s7210-01 FUENTE A: 9.1A
3. Schneider Electric IC60N C6A NOKIA 7210 SAS-sx clo-cci-s7210-02 FUENTE A: 2.2A
4. Schneider Electric IC60N C16A NOKIA 7210 SAS-sx clo-cci-dass-s7210-01
FUENTE A: 2.2A
5. Schneider Electric IC60N C16A NOKIA 7210 SAS-sx clo-cci-dass-s7210-02
FUENTE A: 2.4 A
6. Legrand DX³ C100 25kA CMTS 01 IDEO F1 R1 FTE A CTO01 PDB01 FTE A CTO 07: 23A
7. Legrand DX³ C100 25kA CMTS 01 IDEO F1 R1 FTE A CTO02 PDB01 FTE A CTO 92: 16.4A
8. CHINT NXB-63 C10: 1.1A
9. Schneider Electric Easy9 MCB C10 (EZ9F56110) - shelf 1: 2.1A
10. Schneider Electric Easy9 MCB C10 (EZ9F56110) - shelf 2: 1.7A
11. Schneider Electric Easy9 MCB C10 (EZ9F56110) - shelf 2: 1.1A
12. Schneider Electric C60H-DC 0 63A – pdu: 2.7A
13. Nader NDM1A-63 C10: 4.1A
14. Merlin Gerin Multi9 C60N C10 - Arris 1MHP Max 5000: 2.4A
15. Merlin Gerin Multi9 C60N C10 - Arris 2MHP Max 5000: 1.7A
16. Schneider Electric C120N C100A - CMTS 2: 25A
17. Schneider Electric C120N C100A - CMTS 2: 14A
18. Merlin Gerin Multi9 C60N C6: 3.5A
19. Merlin Gerin Multi9 C60N C6: 3.1A
20. 2 espacios disponibles

Fuente B

1. Schneider Electric IC60N C16A NOKIA 7750 SR-12 clo-cci-7750sr12-01
FUENTE B: 9.8A
2. Schneider Electric IC60N C16A NOKIA 7210 SAS-sx clo-cci-s7210-01 FUENTE B: 9.1A
3. Schneider Electric C60H-DC C16A NOKIA 7210 SAS-sx clo-cci-s7210-02
FUENTE B: 2.2A
4. Schneider Electric C60H-DC C6A NOKIA 7210 SAS-sx clo-cci-dass-s7210-01
FUENTE B: 2.2A
5. Schneider Electric C120N C80A NOKIA 7210 SAS-sx clo-cci-dass-s7210-02
FUENTE B: 2.2A
6. Legrand DX³ – Capacidad: C100, 25kA CMTS 01 IDEO F1 R1 FTE B CTO01
PDB01 FTE B CTO 07 - CMTS 1: 23A
7. Legrand DX³ – Capacidad: C100, 25kA CMTS 01 IDEO F1 R1 FTE B CTO02
PDB01 FTE B CTO 08: CMTS 1: 16.4A
8. Schneider Electric Easy9 MCB – Capacidad: C10 (Referencia: EZ9F56110) - shelf 1 rack2: 2.1A
9. Schneider Electric Easy9 MCB – Capacidad: C10 (Referencia: EZ9F56110) - shelf 1 rack2 breaker: 2.1A
10. Schneider Electric C60H-DC – Capacidad: 63^a - shelf 2 rack2 breaker 1.7A
11. Nader NDM1A-63 – Capacidad: C10 - pdu 2.7A
12. Merlin Gerin Multi9 C60N – Capacidad: C10 - 4.1A
13. Merlin Gerin Multi9 C60N – Capacidad: C10 - 5.2A
14. Merlin Gerin Multi9 C60N – Capacidad: C10 -
15. Merlin Gerin Multi9 C60N – Capacidad: C16
16. Schneider Electric C120N – Capacidad: C100A
17. Schneider Electric C120N – Capacidad: C100A - arris shelf4 breaker 16A 3.9A
18. Merlin Gerin Multi9 C60N – Capacidad: C10 - CMTS 2 breaker 100A 14A
19. Merlin Gerin Multi9 C60N – Capacidad: C10 - CMTS 2 breaker 100A 14A
20. 2 espacios disponibles

PDB B - 48 VDC

TOTALIZADOR FUENTE N°2

Interruptor:

- Marca: Schneider Electric
- Modelo: EasyPact EZC 250N
- Capacidad: 150A
- Norma: IEC 60947-2
- Ui: 690V ~
- Frecuencia: 50/60Hz
- Uimp: 6kV
- Categoría: Cat.A 40°C
- Código: 8ADL-2021-W17-0

Valores eléctricos (Ue / Icu / Ics):

- 230/240V → 50 / 25 kA
- 400/415V → 25 / 13 kA
- 440V → 20 / 10 kA
- 550V → 8 / 4 kA
- 250V → 20 / 10 kA

Fuente A:

- CHINT NXB-63 – Capacidad: C10, Circuito 1 Fuente A
- CHINT NXB-63 – Capacidad: C10, Circuito 2 Fuente A
- CHINT NXB-63 – Capacidad: C10, Circuito 3 Fuente A
- 23 espacios disponibles

Fuente B:

- CHINT NXB-63 – Capacidad: C10, Circuito 1 Fuente B
- CHINT NXB-63 – Capacidad: C10, Circuito 2 Fuente B
- CHINT NXB-63 – Capacidad: C10, Circuito 3 Fuente B
- 23 espacios disponibles

Datos de API:

1. TR - IDEO CALI con 24 sensores:

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{  
  "severity": 0,  
  "severityText": "None",  
  "inMaintenance": false,  
  "isxcGuid": "B7e755e_nbModbusEnc4B4D008D",  
  "model": "COMAP - IL-NT-AMF25 - 3P",  
  "type": "Generator",  
  "hostname": "10.170.203.3",  
  "ipAddress": "10.170.203.3",  
  "privateSide": false,  
  "label": "TR - IDEO CALI",  
  "serialNumber": "20240D2A",  
  "location": "V. CAUCA - CALI"  
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    "guid":  

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"podId": "B7e755e_nbModbusEnc4B4D008D",
"severity": 0,
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"guid": "B7e755e_nbModbusEnc4B4D008D_18_MODO_DEL_CONTROL",
"podId": "B7e755e_nbModbusEnc4B4D008D",
"severity": 0,
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"value": "AUTOMATICO",
"sensorType": "STATE",
"kind": "STATE"
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"guid": "B7e755e_nbModbusEnc4B4D008D_05_VOLTAJE_DE_LA_BATERIA",
"podId": "B7e755e_nbModbusEnc4B4D008D",
"severity": 0,
"severityText": "None",
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"sensorType": "NUMBER",
"kind": "VOLTAGE",
"rawValue": "27.5",
"units": "V"
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"value": "-4.0 kVAR",
"sensorType": "NUMBER",
"kind": "K.REACT_POWER",
"rawValue": "-4.0",
"units": "kVAR"
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"guid": "B7e755e_nbModbusEnc4B4D008D_09_FRENCUENCIA_DEL_GENERADOR",
"podId": "B7e755e_nbModbusEnc4B4D008D"
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"podId": "B7e755e_nbModbusEnc4B4D008D",
"severity": 0,
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"sensorType": "NUMBER",
"kind": "NUMBER",
"rawValue": "0.0",
"units": "Hz"
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"guid": "B7e755e_nbModbusEnc4B4D008D_22_CONTACTOR_DEL_GENERADOR",
"podId": "B7e755e_nbModbusEnc4B4D008D",
"severity": 0,
"severityText": "None",
"value": "INACTIVO",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "20 - CONTACTOR DE RED",
"guid": "B7e755e_nbModbusEnc4B4D008D_20_CONTACTOR_DE_RED",
"podId": "B7e755e_nbModbusEnc4B4D008D",
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"severityText": "None",
"value": "ACTIVO",
"sensorType": "STATE",
"kind": "STATE"
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"podId": "B7e755e_nbModbusEnc4B4D008D",
"severity": 0,
"severityText": "None",
"value": "INACTIVO",
"sensorType": "STATE",
"kind": "STATE"
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"podId": "B7e755e_nbModbusEnc4B4D008D",
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"kind": "VOLTAGE",
"rawValue": "215.0",
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"podId": "B7e755e_nbModbusEnc4B4D008D",
"severity": 0,
"severityText": "None",
"value": "0.0 V",
"sensorType": "NUMBER",
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"rawValue": "0.0",
"units": "V"
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{
"label": "14 - POTENCIA ACTIVA DE LA CARGA",
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"podId": "B7e755e_nbModbusEnc4B4D008D",
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"severityText": "None",
"value": "21.0 kW",
"sensorType": "NUMBER",
"kind": "POWER_KWATTS",
"rawValue": "21.0",
"units": "kW"
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"guid":
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"podId": "B7e755e_nbModbusEnc4B4D008D",
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"severityText": "None",
"value": "0.98",
"sensorType": "NUMBER",
"kind": "NUMBER",
"rawValue": "0.98",
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"label": "13 - CORRIENTE AC DE LA CARGA L3",
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"B7e755e_nbModbusEnc4B4D008D_13_CORRIENTE_AC_DE_LA_CARGA_L3",  
"podId": "B7e755e_nbModbusEnc4B4D008D",  
"severity": 0,  
"severityText": "None",  
"value": "59.0 A",  
"sensorType": "NUMBER",  
"kind": "AMP_DETECTOR",  
"rawValue": "59.0",  
"units": "A"  
},  
{  
"label": "23 - ALARMA",  
"guid": "B7e755e_nbModbusEnc4B4D008D_23_ALARMA",  
"podId": "B7e755e_nbModbusEnc4B4D008D",  
"severity": 0,  
"severityText": "None",  
"value": "INACTIVO",  
"sensorType": "STATE",  
"kind": "STATE"  
},  
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"label": "16 - POTENCIA APARENTE DE LA CARGA",  
"guid":  
"B7e755e_nbModbusEnc4B4D008D_16_POTENCIA_APARENTE_DE_LA_CARGA",  
"podId": "B7e755e_nbModbusEnc4B4D008D",  
"severity": 0,  
"severityText": "None",  
"value": "21.0 kVA",  
"sensorType": "NUMBER",  
"kind": "POWER_KVA",  
"rawValue": "21.0",  
"units": "kVA"  
},  
{  
"label": "04 - FRECUENCIA DEL SISTEMA",  
"guid": "B7e755e_nbModbusEnc4B4D008D_04_FRECUENCIA_DEL_SISTEMA",  
"podId": "B7e755e_nbModbusEnc4B4D008D",  
"severity": 0,  
"severityText": "None",  
"value": "60.0 Hz",  
"sensorType": "NUMBER",  
"kind": "NUMBER",  
"rawValue": "60.0",  
"units": "Hz"  
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"podId": "B7e755e_nbModbusEnc4B4D008D",
"severity": 0,
"severityText": "None",
"value": "Online",
"sensorType": "STATE",
"kind": "COMMUNICATION_SENSOR"
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"podId": "B7e755e_nbModbusEnc4B4D008D",
"severity": 0,
"severityText": "None",
"value": "214.0 V",
"sensorType": "NUMBER",
"kind": "VOLTAGE",
"rawValue": "214.0",
"units": "V"
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"label": "10 - RPM DEL GENERADOR",
"guid": "B7e755e_nbModbusEnc4B4D008D_10_RPM_DEL_GENERADOR",
"podId": "B7e755e_nbModbusEnc4B4D008D",
"severity": 0,
"severityText": "None",
"value": "0.0",
"sensorType": "NUMBER",
"kind": "NUMBER",
"rawValue": "0.0",
"units": ""
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"label": "02 - VOLTAJE AC DEL SISTEMA L2-L3",
"guid":
"B7e755e_nbModbusEnc4B4D008D_02_VOLTAJE_AC_DEL_SISTEMA_L2_L3",
"podId": "B7e755e_nbModbusEnc4B4D008D",
"severity": 0,
"severityText": "None",
"value": "214.0 V",
"sensorType": "NUMBER",
"kind": "VOLTAGE",
"rawValue": "214.0",
"units": "V"
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{
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  "podId": "B7e755e_nbModbusEnc4B4D008D",
  "severity": 0,
  "severityText": "None",
  "value": "0.0 V",
  "sensorType": "NUMBER",
  "kind": "VOLTAGE",
  "rawValue": "0.0",
  "units": "V"
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  "podId": "B7e755e_nbModbusEnc4B4D008D",
  "severity": 0,
  "severityText": "None",
  "value": "58.0 A",
  "sensorType": "NUMBER",
  "kind": "AMP_DETECTOR",
  "rawValue": "58.0",
  "units": "A"
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]
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2. TABLERO - IDEO CALI con 12 sensores

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{
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  "model": "EATON - SC200",
  "type": "Sensor Pod",
  "hostname": "10.170.203.2",
  "ipAddress": "10.170.203.2",
  "privateSide": false,
  "label": "TABLERO - IDEO CALI - (10.170.203.2)",
  "serialNumber": "244448746",
  "location": "V. CAUCA - CALI"
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  "value": "59.46 A",  
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  "kind": "AMP_DETECTOR",  
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  "podId": "B7e755e_nbSNMPEnc60BA612C",  
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  "value": "23.00 ° C",  
  "sensorType": "NUMBER",  
  "kind": "TEMPERATURE",  
  "rawValue": "23.00",  
  "units": "° C"  
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  "podId": "B7e755e_nbSNMPEnc60BA612C",  
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  "value": "214.93 V",  
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},
{
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"podId": "B7e755e_nbSNMPEnc60BA612C",
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"severityText": "None",
"value": "214.35 V",
"sensorType": "NUMBER",
"kind": "VOLTAGE",
"rawValue": "214.35",
"units": "V"
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{
"label": "08 - CORRIENTE DC DE LAS BATERIAS",
"guid":
"B7e755e_nbSNMPEnc60BA612C_08__CORRIENTE_DC_DE_LAS_BATERIAS",
"podId": "B7e755e_nbSNMPEnc60BA612C",
"severity": 0,
"severityText": "None",
"value": "0.00 A",
"sensorType": "NUMBER",
"kind": "AMP_DETECTOR",
"rawValue": "0.00",
"units": "A"
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"severity": 0,
"severityText": "None",
"value": "Online",
"sensorType": "STATE",
"kind": "COMMUNICATION_SENSOR"
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"podId": "B7e755e_nbSNMPEnc60BA612C",
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"value": "219.85 V",
"sensorType": "NUMBER",
"kind": "VOLTAGE",
"rawValue": "219.85",
"units": "V"
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"severityText": "None",
"value": "58.46 A",
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"kind": "AMP_DETECTOR",
"rawValue": "58.46",
"units": "A"
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"severity": 0,
"severityText": "None",
"value": "INACTIVO",
"sensorType": "STATE",
"kind": "STATE"
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{
"label": "ANALOG INPUT - °C SALA S02",
"guid": "B7e755e_nbSNMPEnc60BA612C_ANALOG_INPUT_9",
"podId": "B7e755e_nbSNMPEnc60BA612C",
"severity": 0,
"severityText": "None",
"value": "21.00 ° C",
"sensorType": "NUMBER",
"kind": "TEMPERATURE",
"rawValue": "21.00",
"units": "° C"
},
{
"label": "13 - TEST DE BATERIAS",
"guid": "B7e755e_nbSNMPEnc60BA612C_13__TEST_DE_BATERIAS",
"podId": "B7e755e_nbSNMPEnc60BA612C",
"severity": 0,
"severityText": "None",
"value": "DESHABILITADO",
"sensorType": "STATE",
"kind": "STATE"
}
]
```

```
+++++
+++++
```

3. RECT 01 - IDEO CALI con 21 sensores

```
{
  "severity": 0,
  "severityText": "None",
  "inMaintenance": false,
  "isxcGuid": "B7e755e_nbSNMPEncD1F128BD",
  "model": "ELTEK - SMARTPACK 2 TOUCH",
  "type": "DC Rectifier",
  "hostname": "10.170.203.6",
  "ipAddress": "10.170.203.6",
  "privateSide": false,
  "label": "RECT 01 - IDEO CALI - (10.170.203.6)",
  "location": "V. CAUCA - CALI"
},
[
  {
    "label": "07 - RECTIFICADORES INSTALADOS",
    "guid": "B7eef4c_nbSNMPEncD1F128BD_07__RECTIFICADORES_INSTALADOS",
    "podId": "B7eef4c_nbSNMPEncD1F128BD",
    "severity": 0,
    "severityText": "None",
    "value": "21.0",
    "sensorType": "NUMBER",
    "kind": "NUMBER",
    "rawValue": "21.0",
    "units": ""
  },
  {
    "label": "05 - MODO DEL SISTEMA",
    "guid": "B7eef4c_nbSNMPEncD1F128BD_05__MODO_DEL_SISTEMA",
    "podId": "B7eef4c_nbSNMPEncD1F128BD",
    "severity": 0,
    "severityText": "None",
    "value": "Float",
    "sensorType": "STATE",
    "kind": "STATE"
  },
  {
    "label": "09 - CORRIENTE DC DE LAS BATERIAS",
    "guid": "B7eef4c_nbSNMPEncD1F128BD_09__CORRIENTE_DC_DE_LAS_BATERIAS",
    "podId": "B7eef4c_nbSNMPEncD1F128BD",
    "severity": 0,
    "severityText": "None",
  }
]
```

```
"value": "0.00 A",
"sensorType": "NUMBER",
"kind": "AMP_DETECTOR",
"rawValue": "0.00",
"units": "A"
},
{
"label": "14 - ESTADO DE LA AC",
"guid": "B7eef4c_nbSNMPEncD1F128BD_14__ESTADO_DE_LA_AC",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "19 - ESTADO FUSIBLES DE LAS BATERIAS",
"guid":
"B7eef4c_nbSNMPEncD1F128BD_19__ESTADO_FUSIBLES_DE_LAS_BATERIAS",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "01 - VOLTAJE AC DEL SISTEMA",
"guid": "B7eef4c_nbSNMPEncD1F128BD_01__VOLTAJE_AC_DEL_SISTEMA",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "213.00 V",
"sensorType": "NUMBER",
"kind": "VOLTAGE",
"rawValue": "213.00",
"units": "V"
},
{
"label": "10 - TEMPERATURA DE LAS BATERIAS",
"guid":
"B7eef4c_nbSNMPEncD1F128BD_10__TEMPERATURA_DE_LAS_BATERIAS",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "26.00 ° C",
```

```
"sensorType": "NUMBER",
"kind": "TEMPERATURE",
"rawValue": "26.00",
"units": "° C"
},
{
"label": "15 - ESTADO DE LOS RECTIFICADORES",
"guid":
"B7eef4c_nbSNMPEncD1F128BD_15__ESTADO_DE_LOS_RECTIFICADORES",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "Link Status",
"guid": "B7eef4c_nbSNMPEncD1F128BD_STATUS",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "Online",
"sensorType": "STATE",
"kind": "COMMUNICATION_SENSOR"
},
{
"label": "17 - ESTADO FUSIBLES DE LA CARGA",
"guid":
"B7eef4c_nbSNMPEncD1F128BD_17__ESTADO_FUSIBLES_DE_LA_CARGA",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "06 - NUMERO DE FASES",
"guid": "B7eef4c_nbSNMPEncD1F128BD_06__NUMERO_DE_FASES",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "3.0",
"sensorType": "NUMBER",
"kind": "NUMBER",
"rawValue": "3.0",
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"units": "",  
},  
{  
"label": "03 - CORRIENTE DC DEL SISTEMA",  
"guid": "B7eef4c_nbSNMPEncD1F128BD_03__CORRIENTE_DC_DEL_SISTEMA",  
"podId": "B7eef4c_nbSNMPEncD1F128BD",  
"severity": 0,  
"severityText": "None",  
"value": "119.00 A",  
"sensorType": "NUMBER",  
"kind": "AMP_DETECTOR",  
"rawValue": "119.00",  
"units": "A"  
},  
{  
"label": "18 - ESTADO DE LAS BATERIAS",  
"guid": "B7eef4c_nbSNMPEncD1F128BD_18__ESTADO_DE_LAS_BATERIAS",  
"podId": "B7eef4c_nbSNMPEncD1F128BD",  
"severity": 0,  
"severityText": "None",  
"value": "Normal",  
"sensorType": "STATE",  
"kind": "STATE"  
},  
{  
"label": "08 - RECTIFICADORES FALLADOS",  
"guid": "B7eef4c_nbSNMPEncD1F128BD_08__RECTIFICADORES_FALLADOS",  
"podId": "B7eef4c_nbSNMPEncD1F128BD",  
"severity": 0,  
"severityText": "None",  
"value": "0.0",  
"sensorType": "NUMBER",  
"kind": "NUMBER",  
"rawValue": "0.0",  
"units": ""  
},  
{  
"label": "12 - ESTADO DEL SISTEMA",  
"guid": "B7eef4c_nbSNMPEncD1F128BD_12__ESTADO_DEL_SISTEMA",  
"podId": "B7eef4c_nbSNMPEncD1F128BD",  
"severity": 0,  
"severityText": "None",  
"value": "Normal",  
"sensorType": "STATE",  
"kind": "STATE"  
},  
{
```

```
"label": "02 - VOLTAJE DC DEL SISTEMA",
"guid": "B7eef4c_nbSNMPEncD1F128BD_02__VOLTAJE_DC_DEL_SISTEMA",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "54.47 V",
"sensorType": "NUMBER",
"kind": "VOLTAGE",
"rawValue": "54.47",
"units": "V"
},
{
"label": "13 - ESTADO CONTROL DEL SISTEMA",
"guid":
"B7eef4c_nbSNMPEncD1F128BD_13__ESTADO_CONTROL_DEL_SISTEMA",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "16 - ESTADO DE LA CARGA",
"guid": "B7eef4c_nbSNMPEncD1F128BD_16__ESTADO_DE_LA_CARGA",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "04 - PORCENTAJE DE CARGA DEL SISTEMA",
"guid":
"B7eef4c_nbSNMPEncD1F128BD_04__PORCENTAJE_DE_CARGA_DEL_SISTEMA
",
"podId": "B7eef4c_nbSNMPEncD1F128BD",
"severity": 0,
"severityText": "None",
"value": "10.0 %",
"sensorType": "NUMBER",
"kind": "NUMBER",
"rawValue": "10.0",
"units": "%"
},
```

```

    "label": "20 - ESTADO LVD DE LAS BATERIAS",
    "guid": "B7eef4c_nbSNMPEncD1F128BD_20__ESTADO_LVD_DE_LAS_BATERIAS",
    "podId": "B7eef4c_nbSNMPEncD1F128BD",
    "severity": 0,
    "severityText": "None",
    "value": "Normal",
    "sensorType": "STATE",
    "kind": "STATE"
  },
  {
    "label": "11 - CORRIENTE DC DE LA CARGA",
    "guid": "B7eef4c_nbSNMPEncD1F128BD_11__CORRIENTE_DC_DE_LA_CARGA",
    "podId": "B7eef4c_nbSNMPEncD1F128BD",
    "severity": 0,
    "severityText": "None",
    "value": "119.00 A",
    "sensorType": "NUMBER",
    "kind": "AMP_DETECTOR",
    "rawValue": "119.00",
    "units": "A"
  }
]
+++++
+++++

```

4. RECT 02 - IDEO CALI con 21 sensores

```

{
  "severity": 0,
  "severityText": "None",
  "inMaintenance": false,
  "isxcGuid": "B7e755e_nbSNMPEnc7D425FC9",
  "model": "ELTEK - SMARTPACK 2 TOUCH",
  "type": "DC Rectifier",
  "hostname": "10.170.203.7",
  "ipAddress": "10.170.203.7",
  "privateSide": false,
  "label": "RECT 02 - IDEO CALI - (10.170.203.7)",
  "location": "V. CAUCA - CALI"
},
[
  {
    "label": "04 - PORCENTAJE DE CARGA DEL SISTEMA",
    "guid": "B7eef4c_nbSNMPEnc7D425FC9_04__PORCENTAJE_DE_CARGA_DEL_SISTEMA"
  },

```

```
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "14.0 %",
"sensorType": "NUMBER",
"kind": "NUMBER",
"rawValue": "14.0",
"units": "%"
},
{
"label": "16 - ESTADO DE LA CARGA",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_16__ESTADO_DE_LA_CARGA",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "15 - ESTADO DE LOS RECTIFICADORES",
"guid":
"B7eef4c_nbSNMPEnc7D425FC9_15__ESTADO_DE_LOS_RECTIFICADORES",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "18 - ESTADO DE LAS BATERIAS",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_18__ESTADO_DE_LAS_BATERIAS",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "20 - ESTADO LVD DE LAS BATERIAS",
"guid":
"B7eef4c_nbSNMPEnc7D425FC9_20__ESTADO_LVD_DE_LAS_BATERIAS",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
```

```
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "08 - RECTIFICADORES FALLADOS",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_08__RECTIFICADORES_FALLADOS",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "0.0",
"sensorType": "NUMBER",
"kind": "NUMBER",
"rawValue": "0.0",
"units": ""
},
{
"label": "09 - CORRIENTE DC DE LAS BATERIAS",
"guid":
"B7eef4c_nbSNMPEnc7D425FC9_09__CORRIENTE_DC_DE_LAS_BATERIAS",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "0.00 A",
"sensorType": "NUMBER",
"kind": "AMP_DETECTOR",
"rawValue": "0.00",
"units": "A"
},
{
"label": "05 - MODO DEL SISTEMA",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_05__MODO_DEL_SISTEMA",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "Float",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "Link Status",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_STATUS",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "Online",
"sensorType": "STATE",
```

```
"kind": "COMMUNICATION_SENSOR"
},
{
"label": "06 - NUMERO DE FASES",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_06__NUMERO_DE_FASES",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "3.0",
"sensorType": "NUMBER",
"kind": "NUMBER",
"rawValue": "3.0",
"units": ""
},
{
"label": "19 - ESTADO FUSIBLES DE LAS BATERIAS",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_19__ESTADO_FUSIBLES_DE_LAS_BATERIAS",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "07 - RECTIFICADORES INSTALADOS",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_07__RECTIFICADORES_INSTALADOS",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "19.0",
"sensorType": "NUMBER",
"kind": "NUMBER",
"rawValue": "19.0",
"units": ""
},
{
"label": "01 - VOLTAJE AC DEL SISTEMA",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_01__VOLTAJE_AC_DEL_SISTEMA",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "211.00 V",
"sensorType": "NUMBER",
"kind": "VOLTAGE",
"rawValue": "211.00",
```

```
"units": "V"
},
{
"label": "11 - CORRIENTE DC DE LA CARGA",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_11__CORRIENTE_DC_DE_LA_CARGA",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "157.00 A",
"sensorType": "NUMBER",
"kind": "AMP_DETECTOR",
"rawValue": "157.00",
"units": "A"
},
{
"label": "13 - ESTADO CONTROL DEL SISTEMA",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_13__ESTADO_CONTROL_DEL_SISTEMA",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "14 - ESTADO DE LA AC",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_14__ESTADO_DE_LA_AC",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "Normal",
"sensorType": "STATE",
"kind": "STATE"
},
{
"label": "02 - VOLTAJE DC DEL SISTEMA",
"guid": "B7eef4c_nbSNMPEnc7D425FC9_02__VOLTAJE_DC_DEL_SISTEMA",
"podId": "B7eef4c_nbSNMPEnc7D425FC9",
"severity": 0,
"severityText": "None",
"value": "54.47 V",
"sensorType": "NUMBER",
"kind": "VOLTAGE",
"rawValue": "54.47",
"units": "V"
},
```

```
{  
  "label": "10 - TEMPERATURA DE LAS BATERIAS",  
  "guid":  
    "B7eef4c_nbSNMPEnc7D425FC9_10__TEMPERATURA_DE_LAS_BATERIAS",  
  "podId": "B7eef4c_nbSNMPEnc7D425FC9",  
  "severity": 0,  
  "severityText": "None",  
  "value": "25.00 ° C",  
  "sensorType": "NUMBER",  
  "kind": "TEMPERATURE",  
  "rawValue": "25.00",  
  "units": "° C"  
,  
  {  
    "label": "12 - ESTADO DEL SISTEMA",  
    "guid": "B7eef4c_nbSNMPEnc7D425FC9_12__ESTADO_DEL_SISTEMA",  
    "podId": "B7eef4c_nbSNMPEnc7D425FC9",  
    "severity": 0,  
    "severityText": "None",  
    "value": "Normal",  
    "sensorType": "STATE",  
    "kind": "STATE"  
,  
    {  
      "label": "03 - CORRIENTE DC DEL SISTEMA",  
      "guid": "B7eef4c_nbSNMPEnc7D425FC9_03__CORRIENTE_DC_DEL_SISTEMA",  
      "podId": "B7eef4c_nbSNMPEnc7D425FC9",  
      "severity": 0,  
      "severityText": "None",  
      "value": "157.00 A",  
      "sensorType": "NUMBER",  
      "kind": "AMP_DETECTOR",  
      "rawValue": "157.00",  
      "units": "A"  
,  
      {  
        "label": "17 - ESTADO FUSIBLES DE LA CARGA",  
        "guid":  
          "B7eef4c_nbSNMPEnc7D425FC9_17__ESTADO_FUSIBLES_DE_LA_CARGA",  
        "podId": "B7eef4c_nbSNMPEnc7D425FC9",  
        "severity": 0,  
        "severityText": "None",  
        "value": "Normal",  
        "sensorType": "STATE",  
        "kind": "STATE"  
      }  
    ]
```

```
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++++++
```

5. MG generador, no consultado

```
{  
  "severity": 0,  
  "severityText": "None",  
  "inMaintenance": false,  
  "isxcGuid": "B7e755e_nbModbusEnc11703964",  
  "model": "COMAP - INTELILITE AMF25 - MRS - 3P",  
  "type": "Generator",  
  "hostname": "10.170.203.4",  
  "ipAddress": "10.170.203.4",  
  "privateSide": false,  
  "label": "MG - IDEO CALI",  
  "serialNumber": "204801DF",  
  "location": "V. CAUCA - CALI"  
},
```