



Relatório de ficheiro de definições

Relações de Substituição:

Ficheiro: P241 52-MP-20 2019-08-15.set

Número de modelo:



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Subestação:

Ficheiro: P241_52-MP-20_2019-08-15.set

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09.17: Limit nb Starts: Enabled
 09.18: Loss of Load: Disabled
 09.19: Out of Step: Disabled
 09.1A: Reverse power: Disabled
 09.1B: Antibackspin: Disabled
 09.1C: Field Failure: Disabled
 09.1D: Volt Protection: Enabled
 09.1E: Under Frequency: Disabled
 09.1F: RTD Inputs: Enabled
 09.20: CB Fail: Enabled
 09.21: Supervision: Disabled
 09.24: System Config: Invisible
 09.25: Input Labels: Visible
 09.26: Output Labels: Visible
 09.27: RTD Labels: Visible
 09.28: CT & VT Ratios: Visible
 09.29: Record Control: Invisible
 09.2A: Disturb Recorder: Visible
 09.2B: Measure't Setup: Visible
 09.2C: Comms Settings: Visible
 09.2D: Commission Tests:Visible
 09.2E: Setting Values: Primary
 09.2F: Control Inputs: Visible
 09.35: Ctrl I/P Config: Invisible
 09.36: Ctrl I/P Labels: Invisible
 09.39: Direct Access: Enabled
 09.FB: RP1 Read Only: Disabled

CT AND VT RATIOS

0A.01: Main VT Primary: 13.80 kV
 0A.02: Main VT Sec'y: 120.0 V
 0A.07: Phase CT Primary: 150.0 A
 0A.08: Phase CT Sec'y: 5.000 A
 0A.0B: SEF CT Primary: 50.00 A
 0A.0C: SEF CT Secondary:5.000 A
 0A.11: VT Connect. Mode:2 VT + Residual
 0A.12: NVD VT Primary: 110.0 V
 0A.13: NVD VT Secondary: 110.0 V

DISTURB RECORDER

0C.01: Duration: 10.00 s
 0C.02: TriggerPosition: 30.00 %
 0C.03: TriggerMode: Extended
 0C.04: AnalogChannel1: IN
 0C.05: AnalogChannel2: IN
 0C.06: AnalogChannel3: IN
 0C.07: AnalogChannel4: IA
 0C.08: AnalogChannel5: IB
 0C.09: AnalogChannel6: IC
 0C.0A: AnalogChannel7: IN
 0C.0B: AnalogChannel8: IN
 0C.0C: DigitalInput1: Strt in Progress
 0C.0D: Input1Trigger: Trigger L/H
 0C.0E: DigitalInput2: Trip V<2
 0C.0F: Input2Trigger: Trigger L/H
 0C.10: DigitalInput3: Relay Label 03
 0C.11: Input3Trigger: Trigger L/H
 0C.12: DigitalInput4: Relay Label 04
 0C.13: Input4Trigger: No trigger
 0C.14: DigitalInput5: Relay Label 05
 0C.15: Input5Trigger: No trigger
 0C.16: DigitalInput6: Relay Label 06
 0C.17: Input6Trigger: No trigger



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0C.18: DigitalInput7: Relay Label 07
 0C.19: Input7Trigger: No trigger
 0C.1A: DigitalInput8: Unused
 0C.1C: DigitalInput9: Unused
 0C.1E: DigitalInput10: Unused
 0C.20: DigitalInput11: Unused
 0C.22: DigitalInput12: Unused
 0C.24: DigitalInput13: Unused
 0C.26: DigitalInput14: Unused
 0C.28: DigitalInput15: Unused
 0C.2A: DigitalInput16: Unused
 0C.2C: DigitalInput17: Unused
 0C.2E: DigitalInput18: Unused
 0C.30: DigitalInput19: Unused
 0C.32: DigitalInput20: Unused
 0C.34: DigitalInput21: Unused
 0C.36: DigitalInput22: Unused
 0C.38: DigitalInput23: Unused
 0C.3A: DigitalInput24: Unused
 0C.3C: DigitalInput25: Unused
 0C.3E: DigitalInput26: Unused
 0C.40: DigitalInput27: Unused
 0C.42: DigitalInput28: Unused
 0C.44: DigitalInput29: Unused
 0C.46: DigitalInput30: Unused
 0C.48: DigitalInput31: Unused
 0C.4A: DigitalInput32: Unused

MEASURE'T SETUP

0D.01: Default Display: 3Ph + N Current
 0D.02: Local Values: Primary
 0D.03: Remote Values: Primary
 0D.04: Measurement Ref: VA
 0D.06: Demand Interval: 30.00 min
 0D.07: Alarm Fix Dem.: Invisible
 0D.0A: Alarm Energies: Invisible
 0D.0F: Motor Hour Run>1: Disabled
 0D.11: Motor Hour Run>2: Disabled

COMMISSION TESTS

OF.01: Opto I/P Status: 00000001
 OF.02: Relay O/P Status: 0000000
 OF.03: Test Port Status: 00000000
 OF.04: LED Status: 00000000
 OF.05: Monitor Bit 1: Relay Label 01
 OF.06: Monitor Bit 2: Relay Label 02
 OF.07: Monitor Bit 3: Relay Label 03
 OF.08: Monitor Bit 4: Relay Label 04
 OF.09: Monitor Bit 5: Relay Label 05
 OF.0A: Monitor Bit 6: Relay Label 06
 OF.0B: Monitor Bit 7: Relay Label 07
 OF.0C: Monitor Bit 8: Opto Label 01
 OF.0D: Test Mode: Disable
 OF.0E: Test Pattern: 0000000
 OF.0F: Contact Test: No operation
 OF.10: Test LEDs: No operation
 OF.30: DDB 543 - 512: 00000000000000000000000000000000
 OF.31: DDB 575 - 544: 00000000000000000000000000000000
 OF.32: DDB 607 - 576: 00000000000000000000000000000000
 OF.33: DDB 639 - 608: 00000000000000000000000000000000
 OF.34: DDB 671 - 640: 00000000000000000000000000000000
 OF.35: DDB 703 - 672: 00000000000000000000000000000000
 OF.36: DDB 735 - 704: 00000000000000000000000000000000



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OF.37: DDB 767 - 736:	000
OF.38: DDB 799 - 768:	000
OF.39: DDB 831 - 800:	000
OF.3A: DDB 863 - 832:	000
OF.3B: DDB 895 - 864:	000
OF.3C: DDB 927 - 896:	00100
OF.3D: DDB 959 - 928:	000
OF.3E: DDB 991 - 960:	000
OF.3F: DDB 1023 - 992:	000
OF.40: DDB 1055 - 1024:	000
OF.41: DDB 1087 - 1056:	000
OF.42: DDB 1119 - 1088:	000
OF.43: DDB 1151 - 1120:	000
OF.44: DDB 1183 - 1152:	000
OF.45: DDB 1215 - 1184:	000
OF.46: DDB 1247 - 1216:	000
OF.47: DDB 1279 - 1248:	000
OF.48: DDB 1311 - 1280:	000
OF.49: DDB 1343 - 1312:	000
OF.4A: DDB 1375 - 1344:	000
OF.4B: DDB 1407 - 1376:	000
OF.4C: DDB 1439 - 1408:	000
OF.4D: DDB 1471 - 1440:	000
OF.4E: DDB 1503 - 1472:	000
OF.4F: DDB 1535 - 1504:	000
OF.50: DDB 1567 - 1536:	000
OF.51: DDB 1599 - 1568:	000
OF.52: DDB 1631 - 1600:	000
OF.53: DDB 1663 - 1632:	000
OF.54: DDB 1695 - 1664:	000
OF.55: DDB 1727 - 1696:	000
OF.56: DDB 1759 - 1728:	000
OF.57: DDB 1791 - 1760:	000
OF.58: DDB 1823 - 1792:	000
OF.59: DDB 1855 - 1824:	000
OF.5A: DDB 1887 - 1856:	000
OF.5B: DDB 1919 - 1888:	000
OF.5C: DDB 1951 - 1920:	000
OF.5D: DDB 1983 - 1952:	000
OF.5E: DDB 2015 - 1984:	000
OF.5F: DDB 2047 - 2016:	000
CB MONITOR SETUP	
10.01: Broken I^:	2.000
10.02: I^ Maintenance:	Disabled
10.06: No CB Ops Maint:	Disabled
10.0A: CB Time Maint:	Disabled
OPTO CONFIG	
11.01: Global Nominal V:	110/125V
11.50: Opto Filter Cntl:	11111111
11.80: Characteristic:	Standard 60%-80%
Group 1	
GROUP 1 THERMAL OVERLOAD	
30.01: Ith Current Set:	88.50 A
30.02: K Coefficient:	3
30.03: Thermal Const T1:	18.00 min
30.04: Thermal Const T2:	18.00 min
30.05: Cooling Const Tr:	198.0 min
30.06: Thermal Trip:	Enabled
30.07: Thermal Alarm:	Enabled
30.08: Alarm Threshold:	93.00 %
30.09: Thermal Lockout:	Enabled



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30.0A: Lockout Thresh.: 85.00 %
 30.0B: Inh.Trip dur St.: Disabled
 30.0C: Thermal Overload: Thermal Model

GROUP 1 SHORT CIRCUIT

31.01: I>1 Function: DT
 31.02: I>1 Current Set: 690.0 A
 31.03: I>1 Time Delay: 40.00 ms
 31.11: I>2 Function: Disabled
 31.21: I>3 Function: Disabled
 31.31: I>4 Function: Disabled

GROUP 1 SENSITIVE E/F

32.01: ISEF>1 Function: DT
 32.02: ISEF>1 Direction: Non Directional
 32.03: ISEF>1 Current: 15.00 A
 32.04: ISEF>1 T. Delay: 40.00 ms
 32.09: ISEF>2 Function: Disabled
 32.10: GROUP 1 WATTMETRIC SEF:
 32.11: P0> Function: Disabled

GROUP 1 NEG SEQ O/C

33.01: I2>1 Status: DT
 33.02: I2>1 Current Set: 18.75 A
 33.03: I2>1 Time Delay: 3.000 s
 33.04: I2>2 Status: Disabled

GROUP 1 STALL DETECTION

39.01: Prolonged Start: Enabled
 39.02: Start Criteria: 52a
 39.03: Starting Current: 225.0 A
 39.04: Prol. Start Time: 5.000 s
 39.05: Stall Rotor-strt: Disabled
 39.06: Stall Detection: Enabled
 39.07: Stall Setting: 225.0 A
 39.08: Stall Time: 3.000 s
 39.09: Reacceleration: Enabled
 39.0A: Recac. Low V Set: 11.50 kV
 39.0B: LV Ride Thru: Disabled

GROUP 1 LIMIT NB STARTS

3C.01: Hot Start Status: Enabled
 3C.02: Hot Start Nb.: 1
 3C.03: Cold Start Stat.: Enabled
 3C.04: Cold Start Nb.: 3
 3C.05: Supervising Time: 60.00 min
 3C.06: T.Btw.St.Status: Disabled
 3C.08: Inhib.Start Time: 30.00 min

GROUP 1 VOLT PROTECTION

42.01: GROUP 1 UNDER VOLTAGE:
 42.02: V< Measur't Mode: Phase-Phase
 42.03: V< Operate Mode: Three Phase
 42.04: V<1 Function: DT
 42.05: V<1 Voltage Set: 3450 V
 42.06: V<1 Time Delay: 500.0 ms
 42.09: V<2 Status: DT
 42.0A: V<2 Voltage Set: 12.42 kV
 42.0B: V<2 Time Delay: 250.0 ms
 42.0C: Inhib.During St.: Disabled
 42.0D: GROUP 1 OVERVOLTAGE:
 42.0E: V> Measur't Mode: Phase-Phase
 42.0F: V> Operate Mode: Any Phase
 42.10: V>1 Status: Disabled
 42.14: V>2 Status: Disabled

GROUP 1 RTD PROTECTION

44.01: Select RTD: 0000111111



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44.03: RTD 1 Alarm Set: 130.0 Cel
 44.04: RTD 1 Alarm Dly: 5.000 s
 44.05: RTD 1 Trip Set: 155.0 Cel
 44.06: RTD 1 Trip Dly: 3.000 s
 44.08: RTD 2 Alarm Set: 130.0 Cel
 44.09: RTD 2 Alarm Dly: 5.000 s
 44.0A: RTD 2 Trip Set: 155.0 Cel
 44.0B: RTD 2 Trip Dly: 3.000 s
 44.0D: RTD 3 Alarm Set: 130.0 Cel
 44.0E: RTD 3 Alarm Dly: 5.000 s
 44.0F: RTD 3 Trip Set: 155.0 Cel
 44.10: RTD 3 Trip Dly: 3.000 s
 44.12: RTD 4 Alarm Set: 130.0 Cel
 44.13: RTD 4 Alarm Dly: 5.000 s
 44.14: RTD 4 Trip Set: 155.0 Cel
 44.15: RTD 4 Trip Dly: 3.000 s
 44.17: RTD 5 Alarm Set: 130.0 Cel
 44.18: RTD 5 Alarm Dly: 5.000 s
 44.19: RTD 5 Trip Set: 155.0 Cel
 44.1A: RTD 5 Trip Dly: 3.000 s
 44.1C: RTD 6 Alarm Set: 130.0 Cel
 44.1D: RTD 6 Alarm Dly: 5.000 s
 44.1E: RTD 6 Trip Set: 155.0 Cel
 44.1F: RTD 6 Trip Dly: 3.000 s
 44.34: Ext.Temp.Influen: Disabled
 44.50: RTD Type: PT100
 44.51: RTD Unit: Celcius

GROUP 1 CB FAIL

45.01: GROUP 1 CB FAIL:
 45.02: CB Fail 1 Status: Disabled
 45.08: GROUP 1 UNDER CURRENT:
 45.09: I< Current Set: 9.000 A

GROUP 1 INPUT LABELS

4A.01: Opto Input 1: 52 Fechado
 4A.02: Opto Input 2: 52 Aberto
 4A.03: Opto Input 3: OPTO 3
 4A.04: Opto Input 4: OPTO 4
 4A.05: Opto Input 5: OPTO 5
 4A.06: Opto Input 6: OPTO 6
 4A.07: Opto Input 7: OPTO 7
 4A.08: Opto Input 8: OPTO 8

GROUP 1 OUTPUT LABELS

4B.01: Relay 1: 50 BF
 4B.02: Relay 2: Desliga sub tens
 4B.03: Relay 3: Trip rele 86
 4B.04: Relay 4: Sel Log 00-MF-24
 4B.05: Relay 5: Sel Log MF-1C
 4B.06: Relay 6: RELAY 6
 4B.07: Relay 7: Bloq fech 52-02

GROUP 1 RTD LABELS

4C.01: RTD 1: RTD 1 - FASE R
 4C.02: RTD 2: RTD 2 - FASE S
 4C.03: RTD 3: RTD 3 - FASE T
 4C.04: RTD 4: RTD 4 - FASE R
 4C.05: RTD 5: RTD 5 - FASE S
 4C.06: RTD 6: RTD 6 - FASE T