



Informe de archivo de configuración

Subestación:

Archivo: 000.set

Número del modelo: P343711A2M0360K

Impreso en: 10/10/2024 14:28:01

SYSTEM DATA	
00.01: Language:	English
00.02: Password: ****	
00.03: Sys Fn Links:	0
00.04: Description:	MiCOM P343 G1
00.05: Plant Reference:	Angol
00.06: Model Number:	P343711A2M0360K
00.08: Serial Number:	766953U
00.09: Frequency:	50 Hz
00.0A: Comms Level:	2
00.0B: Relay Address:	1
00.0C: Plant Status:	0000000000000000
00.0D: Control Status:	0000000000000000
00.0E: Active Group:	1
00.10: CB Trip/Close:	No Operation
00.11: Software Ref. 1:	P343____2A_360_F
00.20: Opto I/P Status:	00000000000000000000000000000000
00.21: Relay O/P Status:	00000000000000000000000000000000
00.22: Alarm Status 1:	00000000000000000000000000000000
00.30: Opto I/P Status:	00000000000000000000000000000000
00.40: Relay O/P Status:	00000000000000000000000000000000
00.50: Alarm Status 1:	00000000000000000000000000000000
00.51: Alarm Status 2:	00000000000000000000000000000000
00.52: Alarm Status 3:	00000000000000000000000000000000
00.D0: Access Level:	2
00.D1: Password Control:	2
00.D2: Password Level 1:	****
00.D3: Password Level 2:	****
CB CONTROL	
07.01: CB Control by:	Disabled
07.03: Trip Pulse Time:	500.0 ms
07.06: CB Healthy Time:	5.000 s
07.07: Sys Check Time:	5.000 s
07.08: Lockout Reset:	No
07.09: Reset Lockout by:	CB Close
07.0A: Man Close RstDly:	1.000 s
07.11: CB Status Input:	None
DATE AND TIME	
08.01: Date/Time:	2024-10-10 16:59:13.316
08.06: Battery Status:	Healthy
08.07: Battery Alarm:	Enabled
08.20: LocalTime Enable:	Disabled
CONFIGURATION	
09.01: Restore Defaults:	No Operation
09.02: Setting Group:	Select via Menu
09.03: Active Settings:	Group 1
09.04: Save Changes:	No Operation
09.05: Copy From:	Group 1
09.06: Copy To:	No Operation
09.07: Setting Group 1:	Enabled
09.08: Setting Group 2:	Disabled
09.09: Setting Group 3:	Disabled
09.0A: Setting Group 4:	Disabled
09.0B: System Config:	Visible
09.0C: Power:	Disabled
09.0D: Field Failure:	Disabled
09.0E: NPS Thermal:	Disabled
09.0F: System Backup:	Disabled
09.10: Overcurrent:	Enabled
09.11: Thermal Overload:	Disabled
09.12: Differential:	Enabled



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09.13: Earth Fault: Enabled
09.15: SEF/REF/SPower: Disabled
09.16: Residual O/V NVD: Enabled
09.17: 100% Stator EF: Disabled
09.18: V/Hz: Disabled
09.19: df/dt: Disabled
09.1B: Dead Machine: Disabled
09.1D: Volt Protection: Enabled
09.1E: Freq Protection: Enabled
09.20: CB Fail: Disabled
09.21: Supervision: Disabled
09.24: Pole Slipping: Disabled
09.25: Input Labels: Visible
09.26: Output Labels: Invisible
09.28: CT & VT Ratios: Visible
09.29: Record Control: Visible
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
09.33: System Checks: Disabled
09.35: Ctrl I/P Config: Visible
09.36: Ctrl I/P Labels: Visible
09.39: Direct Access: Enabled
09.50: Function Key: Visible
09.FB: RP1 Read Only: Disabled
09.FC: RP2 Read Only: Disabled
09.FD: NIC Read Only: Disabled
09.FF: LCD Contrast: 10

CT AND VT RATIOS

0A.12: Main VT Primary: 13.20 kV
0A.13: Main VT Sec'y: 100.0 V
0A.22: VN VT Primary: 7630 V
0A.23: VN VT Secondary: 100.0 V
0A.31: Ph CT1 Polarity: Standard
0A.32: Phase CT1 Prim'y: 600.0 A
0A.33: Phase CT1 Sec'y: 5.000 A
0A.36: Ph CT2 Polarity: Standard
0A.37: Phase CT2 Prim'y: 600.0 A
0A.38: Phase CT2 Sec'y: 5.000 A
0A.51: E/F CT Polarity: Standard
0A.52: E/F CT Primary: 100.0 A
0A.53: E/F CT Secondary: 1.000 A
0A.61: Isen CT Polarity: Standard
0A.62: Isen CT Primary: 100.0 A
0A.63: Isen CT Sec'y: 1.000 A

RECORD CONTROL

0B.04: Alarm Event: Enabled
0B.05: Relay O/P Event: Enabled
0B.06: Opto Input Event: Enabled
0B.07: General Event: Enabled
0B.08: Fault Rec Event: Enabled
0B.09: Maint Rec Event: Enabled
0B.0A: Protection Event: Enabled
0B.40: DDB 31 - 0: 11111111111111111111111111111111
0B.41: DDB 63 - 32: 11111111111111111111111111111111
0B.42: DDB 95 - 64: 11111111111111111111111111111111
0B.43: DDB 127 - 96: 11111111111111111111111111111111
0B.44: DDB 159 - 128: 11111111111111111111111111111111



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Número del modelo: P343711A2M0360K

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OB.45: DDB 191 - 160: 11111111111111111111111111111111
OB.46: DDB 223 - 192: 11111111111111111111111111111111
OB.47: DDB 255 - 224: 11111111111111111111111111111111
OB.48: DDB 287 - 256: 11111111111111111111111111111111
OB.49: DDB 319 - 288: 11111111111111111111111111111111
OB.4A: DDB 351 - 320: 11111111111111111111111111111111
OB.4B: DDB 383 - 352: 11111111111111111111111111111111
OB.4C: DDB 415 - 384: 11111111111111111111111111111111
OB.4D: DDB 447 - 416: 11111111111111111111111111111111
OB.4E: DDB 479 - 448: 11111111111111111111111111111111
OB.4F: DDB 511 - 480: 11111111111111111111111111111111
OB.50: DDB 543 - 512: 11111111111111111111111111111111
OB.51: DDB 575 - 544: 11111111111111111111111111111111
OB.52: DDB 607 - 576: 11111111111111111111111111111111
OB.53: DDB 639 - 608: 11111111111111111111111111111111
OB.54: DDB 671 - 640: 11111111111111111111111111111111
OB.55: DDB 703 - 672: 11111111111111111111111111111111
OB.56: DDB 735 - 704: 11111111111111111111111111111111
OB.57: DDB 767 - 736: 11111111111111111111111111111111
OB.58: DDB 799 - 768: 11111111111111111111111111111111
OB.59: DDB 831 - 800: 11111111111111111111111111111111
OB.5A: DDB 863 - 832: 11111111111111111111111111111111
OB.5B: DDB 895 - 864: 11111111111111111111111111111111
OB.5C: DDB 927 - 896: 11111111111111111111111111111111
OB.5D: DDB 959 - 928: 11111111111111111111111111111111
OB.5E: DDB 991 - 960: 11111111111111111111111111111111
OB.5F: DDB 1023 - 992: 11111111111111111111111111111111
OB.60: DDB 1055 - 1024: 11111111111111111111111111111111
OB.61: DDB 1087 - 1056: 11111111111111111111111111111111
OB.62: DDB 1119 - 1088: 11111111111111111111111111111111
OB.63: DDB 1151 - 1120: 11111111111111111111111111111111
OB.64: DDB 1183 - 1152: 11111111111111111111111111111111
OB.65: DDB 1215 - 1184: 11111111111111111111111111111111
OB.66: DDB 1247 - 1216: 11111111111111111111111111111111
OB.67: DDB 1279 - 1248: 11111111111111111111111111111111
OB.68: DDB 1311 - 1280: 11111111111111111111111111111111
OB.69: DDB 1343 - 1312: 11111111111111111111111111111111
OB.6A: DDB 1375 - 1344: 11111111111111111111111111111111
OB.6B: DDB 1407 - 1376: 11111111111111111111111111111111
OB.6C: DDB 1439 - 1408: 11111111111111111111111111111111
OB.6D: DDB 1471 - 1440: 11111111111111111111111111111111
OB.6E: DDB 1503 - 1472: 11111111111111111111111111111111
OB.6F: DDB 1535 - 1504: 11111111111111111111111111111111
OB.70: DDB 1567 - 1536: 11111111111111111111111111111111
OB.71: DDB 1599 - 1568: 11111111111111111111111111111111
OB.72: DDB 1631 - 1600: 11111111111111111111111111111111
OB.73: DDB 1663 - 1632: 11111111111111111111111111111111
OB.74: DDB 1695 - 1664: 11111111111111111111111111111111
OB.75: DDB 1727 - 1696: 11111111111111111111111111111111
OB.76: DDB 1759 - 1728: 11111111111111111111111111111111
OB.77: DDB 1791 - 1760: 11111111111111111111111111111111
OB.78: DDB 1823 - 1792: 11111111111111111111111111111111
OB.79: DDB 1855 - 1824: 11111111111111111111111111111111
OB.7A: DDB 1887 - 1856: 11111111111111111111111111111111
OB.7B: DDB 1919 - 1888: 11111111111111111111111111111111
OB.7C: DDB 1951 - 1920: 11111111111111111111111111111111
OB.7D: DDB 1983 - 1952: 11111111111111111111111111111111
OB.7E: DDB 2015 - 1984: 11111111111111111111111111111111
OB.7F: DDB 2047 - 2016: 11111111111111111111111111111111

 **DISTURB RECORDER**

OC.52: Duration: 1.500 s



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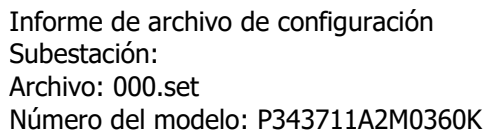
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0C.54: Trigger Position: 33.30 %
0C.56: Trigger Mode: Single
0C.58: Analog Channel 1: VAN
0C.59: Analog Channel 2: VBN
0C.5A: Analog Channel 3: VCN
0C.5B: Analog Channel 4: VN
0C.5C: Analog Channel 5: IA-1
0C.5D: Analog Channel 6: IB-1
0C.5E: Analog Channel 7: IC-1
0C.5F: Analog Channel 8: I Sensitive
0C.60: Analog Channel 9: IN
0C.61: AnalogChannel 10: IA-2
0C.62: AnalogChannel 11: IB-2
0C.63: AnalogChannel 12: IC-2
0C.80: Digital Input 1: Output R1
0C.81: Input 1 Trigger: Trigger H/L
0C.82: Digital Input 2: Output R4
0C.83: Input 2 Trigger: Trigger H/L
0C.84: Digital Input 3: I>1 Trip
0C.85: Input 3 Trigger: Trigger L/H
0C.86: Digital Input 4: I>2 Trip
0C.87: Input 4 Trigger: Trigger L/H
0C.88: Digital Input 5: I>3 Trip
0C.89: Input 5 Trigger: Trigger L/H
0C.8A: Digital Input 6: I>4 Trip
0C.8B: Input 6 Trigger: Trigger L/H
0C.8C: Digital Input 7: IN>1 Trip
0C.8D: Input 7 Trigger: Trigger L/H
0C.8E: Digital Input 8: IN>2 Trip
0C.8F: Input 8 Trigger: Trigger L/H
0C.90: Digital Input 9: IREF> Trip
0C.91: Input 9 Trigger: Trigger L/H
0C.92: Digital Input 10: ISEF>1 Trip
0C.93: Input 10 Trigger: Trigger L/H
0C.94: Digital Input 11: Gen Diff Trip
0C.95: Input 11 Trigger: Trigger L/H
0C.96: Digital Input 12: VN>1 Trip
0C.97: Input 12 Trigger: Trigger L/H
0C.98: Digital Input 13: VN>2 Trip
0C.99: Input 13 Trigger: Trigger L/H
0C.9A: Digital Input 14: VN>3 Trip
0C.9B: Input 14 Trigger: Trigger L/H
0C.9C: Digital Input 15: VN>4 Trip
0C.9D: Input 15 Trigger: Trigger L/H
0C.9E: Digital Input 16: V>1 Trip
0C.9F: Input 16 Trigger: Trigger L/H
0C.A0: Digital Input 17: V>2 Trip
0C.A1: Input 17 Trigger: Trigger L/H
0C.A2: Digital Input 18: V<1 Trip
0C.A3: Input 18 Trigger: Trigger L/H
0C.A4: Digital Input 19: V<2 Trip
0C.A5: Input 19 Trigger: Trigger L/H
0C.A6: Digital Input 20: F<1 Trip
0C.A7: Input 20 Trigger: Trigger L/H
0C.A8: Digital Input 21: F<2 Trip
0C.A9: Input 21 Trigger: Trigger L/H
0C.AA: Digital Input 22: F<3 Trip
0C.AB: Input 22 Trigger: Trigger L/H
0C.AC: Digital Input 23: F<4 Trip
0C.AD: Input 23 Trigger: Trigger L/H
0C.AE: Digital Input 24: F>1 Trip



MEASURE'T SETUP

OD.01: Default Display: Plant Reference
 OD.02: Local Values: Primary
 OD.03: Remote Values: Primary
 OD.04: Measurement Ref: VA
 OD.05: Measurement Mode: 0
 OD.06: Fix Dem Period: 15.00 min
 OD.07: Roll Sub Period: 1.000 min
 OD.08: Num Sub Periods: 15

```

0F.01: Opto I/P Status: 00000000000000000000000000000000
0F.02: Relay O/P Status: 00000000000000000000000000000000
0F.03: Test Port Status: 00001001
0F.05: Monitor Bit 1: 64
0F.06: Monitor Bit 2: 65
0F.07: Monitor Bit 3: 66
0F.08: Monitor Bit 4: 67
0F.09: Monitor Bit 5: 68
0F.0A: Monitor Bit 6: 69
0F.0B: Monitor Bit 7: 70
0F.0C: Monitor Bit 8: 71
0F.0D: Test Mode: Disabled
0F.0E: Test Pattern: 00000000000000000000000000000000
0F.0F: Contact Test: No Operation
0F.10: Test LEDs: No Operation
0F.15: Red LED Status: 00000000001010000
0F.16: Green LED Status: 00000000000000000000
0F.20: DDB 31 - 0: 000000000000000000000000000000001001
0F.21: DDB 63 - 32: 000000000000000000000000000000000000001
0F.22: DDB 95 - 64: 0000000000000000000000000000000000001001
0F.23: DDB 127 - 96: 00000000000000000000000010001000000000
0F.24: DDB 159 - 128: 00000000000000000000000000000000000000000000
0F.25: DDB 191 - 160: 00000000000000000000000000000000000000000000
0F.26: DDB 223 - 192: 00000000000000000000000000000000000000000000
0F.27: DDB 255 - 224: 00000000000000000000000000000000000000000000
0F.28: DDB 287 - 256: 000000000000000000000000000000000000000011000
0F.29: DDB 319 - 288: 0000000000000000000000000000000000000000000000000
0F.2A: DDB 351 - 320: 0000000000000000000000000000000000000000000000000
0F.2B: DDB 383 - 352: 00000000000000000000000000000000000000000000
0F.2C: DDB 415 - 384: 00000000000000000000000000000000000000000000
0F.2D: DDB 447 - 416: 00000000000000000000000000000000000000000000
0F.2E: DDB 479 - 448: 0000000000000000000000000000000000000000000000000
0F.2F: DDB 511 - 480: 0000000000000000000000000000000000000000000000000
0F.30: DDB 543 - 512: 00000000000000000000000000000000000000000000
0F.31: DDB 575 - 544: 00000000000000000000000000000000000000000000
0F.32: DDB 607 - 576: 00000000000000000000000000000000000000000000
0F.33: DDB 639 - 608: 00000000000000000000000000000000000000000000
0F.34: DDB 671 - 640: 00000000000000000000000000000000000000000000
0F.35: DDB 703 - 672: 00000000000000000000000000000000000000000000

```



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Impreso en: 10/10/2024 14:28:02

0F.36:	DDB 735 - 704:	00000000000000000000000000000000
0F.37:	DDB 767 - 736:	00000000000000000000000000000000
0F.38:	DDB 799 - 768:	00000000000000000000000000000000
0F.39:	DDB 831 - 800:	00000000000000000000000000000000
0F.3A:	DDB 863 - 832:	00000000000000000000000000000000
0F.3B:	DDB 895 - 864:	00000000000000000000000000000000
0F.3C:	DDB 927 - 896:	00000000000000000000000000000000
0F.3D:	DDB 959 - 928:	00000000000000000000000000000000
0F.3E:	DDB 991 - 960:	00000000000000000000000000000000
0F.3F:	DDB 1023 - 992:	00000000000000000000000000000000
0F.40:	DDB 1055 - 1024:	00000000000000000000000000000000
0F.41:	DDB 1087 - 1056:	00000000000000000000000000000000
0F.42:	DDB 1119 - 1088:	00000000000000000000000000000000
0F.43:	DDB 1151 - 1120:	00000000000000000000000000000000
0F.44:	DDB 1183 - 1152:	00000000000000000000000000000000
0F.45:	DDB 1215 - 1184:	00000000000000000000000000000000
0F.46:	DDB 1247 - 1216:	00000000000000000000000000000000
0F.47:	DDB 1279 - 1248:	00000000000000000000000000000000
0F.48:	DDB 1311 - 1280:	00000000000000000000000000000000
0F.49:	DDB 1343 - 1312:	00000111100000000000000000000000
0F.4A:	DDB 1375 - 1344:	00000000000000000000000000000000
0F.4B:	DDB 1407 - 1376:	00000000000000000000000000000000
0F.4C:	DDB 1439 - 1408:	00000000000000000000000000000000
0F.4D:	DDB 1471 - 1440:	00000000000000000000000000000000
0F.4E:	DDB 1503 - 1472:	00000000000000000000000000000000
0F.4F:	DDB 1535 - 1504:	00000000000000000000000000000000
0F.50:	DDB 1567 - 1536:	00000000000000000000000000000000
0F.51:	DDB 1599 - 1568:	00000000000000000000000000000000
0F.52:	DDB 1631 - 1600:	00000000000000000000000000000000
0F.53:	DDB 1663 - 1632:	00000000000000000000000000000000
0F.54:	DDB 1695 - 1664:	00000000000000000000000000000000
0F.55:	DDB 1727 - 1696:	00000000000000000000000000000000
0F.56:	DDB 1759 - 1728:	00000000000000000000000000000000
0F.57:	DDB 1791 - 1760:	00000000000000000000000000000000
0F.58:	DDB 1823 - 1792:	00000000000000000000000000000000
0F.59:	DDB 1855 - 1824:	00000000000000000000000000000000
0F.5A:	DDB 1887 - 1856:	00000000000000000000000000000000
0F.5B:	DDB 1919 - 1888:	00000000000000000000000000000000
0F.5C:	DDB 1951 - 1920:	00000000000000000000000000000000
0F.5D:	DDB 1983 - 1952:	00000000000000000000000000000000
0F.5E:	DDB 2015 - 1984:	00000000000000000000000000000000
0F.5F:	DDB 2047 - 2016:	00000000000000000000000000000000
CB MONITOR SETUP		
10.01:	Broken I^:	2.000
10.02:	I^ Maintenance:	Alarm Disabled
10.04:	I^ Lockout:	Alarm Disabled
10.06:	No. CB Ops Maint:	Alarm Disabled
10.08:	No. CB Ops Lock:	Alarm Disabled
10.0A:	CB Time Maint:	Alarm Disabled
10.0C:	CB Time Lockout:	Alarm Disabled
10.0E:	Fault Freq Lock:	Alarm Disabled
OPTO CONFIG		
11.01:	Global Nominal V:	24/27V
11.50:	Opto Filter Ctrl:	11111111111111111111111111111111
11.80:	Characteristic:	Standard 60%-80%
CTRL I/P CONFIG		
13.01:	Hotkey Enabled:	11111111111111111111111111111111
13.10:	Control Input 1:	Latched
13.11:	Ctrl Command 1:	SET/RESET
13.14:	Control Input 2:	Latched
13.15:	Ctrl Command 2:	SET/RESET



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13.18: Control Input 3: Latched
13.19: Ctrl Command 3: SET/RESET
13.1C: Control Input 4: Latched
13.1D: Ctrl Command 4: SET/RESET
13.20: Control Input 5: Latched
13.21: Ctrl Command 5: SET/RESET
13.24: Control Input 6: Latched
13.25: Ctrl Command 6: SET/RESET
13.28: Control Input 7: Latched
13.29: Ctrl Command 7: SET/RESET
13.2C: Control Input 8: Latched
13.2D: Ctrl Command 8: SET/RESET
13.30: Control Input 9: Latched
13.31: Ctrl Command 9: SET/RESET
13.34: Control Input 10: Latched
13.35: Ctrl Command 10: SET/RESET
13.38: Control Input 11: Latched
13.39: Ctrl Command 11: SET/RESET
13.3C: Control Input 12: Latched
13.3D: Ctrl Command 12: SET/RESET
13.40: Control Input 13: Latched
13.41: Ctrl Command 13: SET/RESET
13.44: Control Input 14: Latched
13.45: Ctrl Command 14: SET/RESET
13.48: Control Input 15: Latched
13.49: Ctrl Command 15: SET/RESET
13.4C: Control Input 16: Latched
13.4D: Ctrl Command 16: SET/RESET
13.50: Control Input 17: Latched
13.51: Ctrl Command 17: SET/RESET
13.54: Control Input 18: Latched
13.55: Ctrl Command 18: SET/RESET
13.58: Control Input 19: Latched
13.59: Ctrl Command 19: SET/RESET
13.5C: Control Input 20: Latched
13.5D: Ctrl Command 20: SET/RESET
13.60: Control Input 21: Latched
13.61: Ctrl Command 21: SET/RESET
13.64: Control Input 22: Latched
13.65: Ctrl Command 22: SET/RESET
13.68: Control Input 23: Latched
13.69: Ctrl Command 23: SET/RESET
13.6C: Control Input 24: Latched
13.6D: Ctrl Command 24: SET/RESET
13.70: Control Input 25: Latched
13.71: Ctrl Command 25: SET/RESET
13.74: Control Input 26: Latched
13.75: Ctrl Command 26: SET/RESET
13.78: Control Input 27: Latched
13.79: Ctrl Command 27: SET/RESET
13.7C: Control Input 28: Latched
13.7D: Ctrl Command 28: SET/RESET
13.80: Control Input 29: Latched
13.81: Ctrl Command 29: SET/RESET
13.84: Control Input 30: Latched
13.85: Ctrl Command 30: SET/RESET
13.88: Control Input 31: Latched
13.89: Ctrl Command 31: SET/RESET
13.8C: Control Input 32: Latched
13.8D: Ctrl Command 32: SET/RESET



FUNCTION KEYS



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17.01: Fn Key Status: 0000011000
17.02: Fn Key 1: Unlocked
17.03: Fn Key 1 Mode: Toggled
17.04: Fn Key 1 Label: Function Key 1
17.05: Fn Key 2: Unlocked
17.06: Fn Key 2 Mode: Normal
17.07: Fn Key 2 Label: Function Key 2
17.08: Fn Key 3: Unlocked
17.09: Fn Key 3 Mode: Normal
17.0A: Fn Key 3 Label: Function Key 3
17.0B: Fn Key 4: Unlocked
17.0C: Fn Key 4 Mode: Toggled
17.0D: Fn Key 4 Label: Function Key 4
17.0E: Fn Key 5: Unlocked
17.0F: Fn Key 5 Mode: Toggled
17.10: Fn Key 5 Label: Function Key 5
17.11: Fn Key 6: Unlocked
17.12: Fn Key 6 Mode: Toggled
17.13: Fn Key 6 Label: Function Key 6
17.14: Fn Key 7: Unlocked
17.15: Fn Key 7 Mode: Normal
17.16: Fn Key 7 Label: Function Key 7
17.17: Fn Key 8: Unlocked
17.18: Fn Key 8 Mode: Normal
17.19: Fn Key 8 Label: Function Key 8
17.1A: Fn Key 9: Unlocked
17.1B: Fn Key 9 Mode: Normal
17.1C: Fn Key 9 Label: Function Key 9
17.1D: Fn Key 10: Unlocked
17.1E: Fn Key 10 Mode: Normal
17.1F: Fn Key 10 Label: Function Key 10

CTRL I/P LABELS

29.01: Control Input 1: Control Input 1
29.02: Control Input 2: Control Input 2
29.03: Control Input 3: Control Input 3
29.04: Control Input 4: Control Input 4
29.05: Control Input 5: Control Input 5
29.06: Control Input 6: Control Input 6
29.07: Control Input 7: Control Input 7
29.08: Control Input 8: Control Input 8
29.09: Control Input 9: Control Input 9
29.0A: Control Input 10: Control Input 10
29.0B: Control Input 11: Control Input 11
29.0C: Control Input 12: Control Input 12
29.0D: Control Input 13: Control Input 13
29.0E: Control Input 14: Control Input 14
29.0F: Control Input 15: Control Input 15
29.10: Control Input 16: Control Input 16
29.11: Control Input 17: Control Input 17
29.12: Control Input 18: Control Input 18
29.13: Control Input 19: Control Input 19
29.14: Control Input 20: Control Input 20
29.15: Control Input 21: Control Input 21
29.16: Control Input 22: Control Input 22
29.17: Control Input 23: Control Input 23
29.18: Control Input 24: Control Input 24
29.19: Control Input 25: Control Input 25
29.1A: Control Input 26: Control Input 26
29.1B: Control Input 27: Control Input 27
29.1C: Control Input 28: Control Input 28
29.1D: Control Input 29: Control Input 29



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Impreso en: 10/10/2024 14:28:03

29.1E: Control Input 30:	Control Input 30
29.1F: Control Input 31:	Control Input 31
29.20: Control Input 32:	Control Input 32
Group 1	
GROUP 1 SYSTEM CONFIG	
30.01: Winding Config:	Generator
30.42: Phase Sequence:	Standard ABC
30.43: VT Reversal:	No Swap
30.44: CT1 Reversal:	No Swap
30.45: CT2 Reversal:	No Swap
30.50: C/S Input:A-N	
30.51: C/S V Ratio Corr:	1.000
30.52: C/S VT Vect Grp:	0
30.53: Main VT Location:	Gen
GROUP 1 OVERCURRENT	
35.20: PHASE O/C:	
35.21: I> CT Source:	IA-1 IB-1 IC-1
35.23: I>1 Function:	IEC S Inverse
35.24: I>1 Direction:	Non-Directional
35.27: I>1 Current Set:	528.0 A
35.2A: I>1 TMS: 375.0e-3	
35.2F: I>1 tRESET:	0 s
35.32: I>2 Function:	Disabled
35.40: I>3 Status:	Enabled
35.41: I>3 Direction:	Non-Directional
35.44: I>3 Current Set:	3150 A
35.45: I>3 Time Delay:	50.00 ms
35.47: I>4 Status:	Disabled
35.4E: I> Char Angle:	30.00 deg
35.4F: I> Function Link:	1111
35.50: NPS OVERCURRENT:	
35.51: I2> CT Source:	IA-1 IB-1 IC-1
35.52: I2>1 Status:	Disabled
35.62: I2>2 Status:	Disabled
35.72: I2>3 Status:	Disabled
35.82: I2>4 Status:	Disabled
35.90: I2> VTS Blocking:	1111
35.94: I2> Char Angle:	-60.00 deg
35.98: I2> V2pol Set:	660.0 V
GROUP 1 DIFFERENTIAL	
37.01: GROUP 1 GEN DIFF:	
37.02: Gen Diff Func:	Percentage Bias
37.03: Gen Diff Is1:	84.00 A
37.04: Gen Diff k1:	0 %
37.05: Gen Diff Is2:	1620 A
37.06: Gen Diff k2:	20.00 %
GROUP 1 EARTH FAULT	
38.01: IN> Input:	Measured
38.25: IN>1 Function:	DT
38.29: IN>1 Current:	20.00 A
38.2C: IN>1 Time Delay:	5.000 s
38.33: IN>1 tRESET:	0 s
38.36: IN>2 Function:	Disabled
GROUP 1 RESIDUAL O/V NVD	
3B.10: VN>1 Status:	Enabled
3B.12: VN>1 Input:	Derived
3B.14: VN>1 Function:	DT
3B.16: VN>1 Voltage Set:	9240 V
3B.18: VN>1 Time Delay:	3.000 s
3B.1C: VN>1 tReset:	0 s
3B.20: VN>2 Status:	Disabled



Informe de archivo de configuración

Subestación:

Archivo: 000.set

Número del modelo: P343711A2M0360K

Impreso en: 10/10/2024 14:28:03

3B.30: VN>3 Status: Disabled
3B.40: VN>4 Status: Disabled
GROUP 1 VOLT PROTECTION
42.01: UNDER VOLTAGE:
42.02: V< Measur't Mode:Phase-Phase
42.03: V< Operate Mode: Any Phase
42.04: V<1 Function: DT
42.05: V<1 Voltage Set: 11.88 kV
42.06: V<1 Time Delay: 10.00 s
42.08: V<1 Poledead Inh: Disabled
42.09: V<2 Status: Enabled
42.0A: V<2 Voltage Set: 10.56 kV
42.0B: V<2 Time Delay: 10.00 s
42.0C: V<2 Poledead Inh: Disabled
42.0D: OVERVOLTAGE:
42.0E: V> Measur't Mode:Phase-Phase
42.0F: V> Operate Mode: Any Phase
42.10: V>1 Function: DT
42.11: V>1 Voltage Set: 15.84 kV
42.12: V>1 Time Delay: 3.000 s
42.14: V>2 Status: Enabled
42.15: V>2 Voltage Set: 16.50 kV
42.16: V>2 Time Delay: 1.000 s
42.20: NPS OVERVOLTAGE:
42.22: V2>1 Status: Disabled

GROUP 1 FREQ PROTECTION
43.01: UNDER FREQUENCY:
43.02: F<1 Status: Disabled
43.05: F<2 Status: Disabled
43.08: F<3 Status: Disabled
43.0B: F<4 Status: Disabled
43.0E: F< Function Link: 0000
43.0F: OVER FREQUENCY:
43.10: F>1 Status: Enabled
43.11: F>1 Setting: 52.01 Hz
43.12: F>1 Time Delay: 15.00 s
43.13: F>2 Status: Enabled
43.14: F>2 Setting: 52.51 Hz
43.15: F>2 Time Delay: 5.000 s
43.20: TURBINE F PROT:
43.22: Turbine F Status: Disabled

GROUP 1 CB FAIL & I<
45.08: UNDER CURRENT:
45.09: I< Current Set: 60.00 A
45.0A: IN< Current Set: 10.00 A
45.0B: ISEF< Current: 2.000 A
45.15: I< CT Source: IA-1 IB-1 IC-1

GROUP 1 INPUT LABELS
4A.01: Opto Input 1: 52C1-2 CERRADO
4A.02: Opto Input 2: 52C1-2 ABIERTO
4A.03: Opto Input 3: Input L3
4A.04: Opto Input 4: Input L4
4A.05: Opto Input 5: Input L5
4A.06: Opto Input 6: Input L6
4A.07: Opto Input 7: Input L7
4A.08: Opto Input 8: Input L8
4A.09: Opto Input 9: Input L9
4A.0A: Opto Input 10: Input L10
4A.0B: Opto Input 11: Input L11
4A.0C: Opto Input 12: Input L12
4A.0D: Opto Input 13: Input L13



Informe de archivo de configuración
Subestación:
Archivo: 000.set
Número del modelo: P343711A2M0360K

Impreso en: 10/10/2024 14:28:03

.....	4A.0E: Opto Input 14:	Input L14
.....	4A.0F: Opto Input 15:	Input L15
.....	4A.10: Opto Input 16:	Input L16