

ATSI CONFLICT MONITOR CERTIFICATION TEST REPORT

Agency : ATSI
Tested By : BPH
Location : ATSI
Date / Time : 08 Dec 2004, 11:58 am



MONITOR INFORMATION

Manufacturer : Peek
Model : Double Diamond
Device ID : Shop Unit

NOTES

Final Test

TEST EQUIPMENT

Software Interface Version 2.5
PCMT-2600 Firmware v2.5
Serial Number : 2600-1033

SYSTEM TIMING TESTS

Interlock : PASS
Stop-Time : PASS
Power Interrupt Timing : PASS 458ms
Initial Flash Timing : PASS 6183ms
Start Delay Timing : PASS 1866ms
DC1 Monitor Timing : PASS 125ms
DC2 Monitor Timing : PASS 125ms
DC1 Monitor Auto Reset Timing : PASS 5700mS
DC2 Monitor Auto Reset Timing : PASS 5683mS
DC Monitor Inhibit : PASS
CVM Transfer Timing : PASS 125ms
CVM Auto Reset Timing : PASS 5233mS
Conflict Timing : PASS 225mS
Conflict Latching : PASS
Redfail Timing : PASS 733ms
Redfail Latching : PASS
Redenable at 89Vrms : PASS
Redenable at 70Vrms : PASS

VOLTAGE TESTS (16 CHANNELS)

RED Channels 70Vrms Sine Wave : PASS
RED Channels 70Vrms Positive Rectified : PASS
RED Channels 70Vrms Negative Rectified : PASS
RED Channels 50Vrms Sine Wave : PASS
RED Channels 50Vrms Positive Rectified : PASS
RED Channels 50Vrms Negative Rectified : PASS
GRN Channels 25Vrms Sine Wave : PASS
YEL Channels 25Vrms Sine Wave : PASS
GRN Channels 25Vrms Positive Rectified : PASS
YEL Channels 25Vrms Positive Rectified : PASS
GRN Channels 25Vrms Negative Rectified : PASS
YEL Channels 25Vrms Negative Rectified : PASS
GRN Channels 15Vrms Sine Wave : PASS
YEL Channels 15Vrms Sine Wave : PASS
GRN Channels 15Vrms Positive Rectified : PASS
YEL Channels 15Vrms Positive Rectified : PASS
GRN Channels 15Vrms Negative Rectified : PASS
YEL Channels 15Vrms Negative Rectified : PASS
GRN Channels 120Vrms Through 1500pF : PASS
YEL Channels 120Vrms Through 1500pF : PASS
Short YEL : PASS

OPTIONAL TESTS

RED-GRN-YEL Single Channel : PASS
AC Power Failure Transfer : PASS 90.46
AC Power Failure Restore : PASS 94.16
AC Power Failure Hysterisis : PASS 3.71
Logic GND / Earth GND Isolation : PASS
Power and RED Channel Indicators : PASS
Power, Conflict, GRN Channel Indicators : PASS
Power, Conflict and YEL Channel Indicators : PASS
Redfail Indicator : PASS
Short Yellow Indicator : PASS
DC1 (24V1) Indicator : PASS
DC2 (24V2) Indicator : PASS

Test complete 08 Dec 2004, 12:49 pm

Passed All ATSI Certification Tests for NEMA TS2 Monitors.