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|---------------------------|--|---------------------|---------|-------|-------|
| voltage_error | | 0 | 0 | 0 | 0 |
| PASS | | TRUE | FALSE | TRUE | FALSE |
| KILLED | | TRUE | | | |
| MUTANT 3 | | | | | |
| temp_1 | | 50 | 50 | 120 | 120 |
| temp_1 | | 50 | 120 | 50 | 120 |
| temperature | | 0 | 0 | 0 | 0 |
| temperature_alarm | | 0 | 0 | 0 | 0 |
| voltage_error | | 0 | 0 | 0 | 0 |
| PASS | | FALSE | FALSE | FALSE | FALSE |
| KILLED | | N/A: FM not covered | | | |
| MUTANT 4 | | | | | |
| temp_1 | | 50 | 50 | 120 | 120 |
| temp_1 | | 50 | 120 | 50 | 120 |
| temperature | | 0 | 0 | 0 | 0 |
| temperature_alarm | | 0 | 0 | 0 | 0 |
| voltage_error | | 1 | 1 | 1 | 1 |
| PASS | | TRUE | TRUE | TRUE | TRUE |
| KILLED | | N/A: FM not covered | | | |
| MUTANT 5 | | | | | |
| temp_1 | | 50 | 50 | 120 | 120 |
| temp_1 | | 50 | 120 | 50 | 120 |
| temperature | | 50 | 120 | 50 | 120 |
| temperature_alarm | | 0 | 1 | 0 | 1 |
| voltage_error | | 0 | 0 | 0 | 0 |
| PASS | | TRUE | TRUE | TRUE | TRUE |
| KILLED | | N/A: FM not covered | | | |
| MUTANT 6 | | | | | |
| temp_1 | | 50 | 50 | 120 | 120 |
| temp_1 | | 50 | 120 | 50 | 120 |
| temperature | | 50 | 120 | 50 | 120 |
| temperature_alarm | | 0 | 1 | 0 | 1 |
| voltage_error | | 0 | 0 | 0 | 0 |
| PASS | | TRUE | TRUE | TRUE | TRUE |
| KILLED | | N/A: FM not covered | | | |
| Mutation analysis Results | | FMC | 50% | | |
| | | MOC | 100% | | |
| | | MS | 100,00% | | |