



MTBF (EIAJ RCR-9102)

Model MAX1600F

| No. | Model | | failure rate [10 ⁻⁶ /H] | Reference |
|-----|---------------|-------------|------------------------------------|-----------|
| 1 | Input module | MAP1600F380 | 9.934 | |
| 2 | Output module | MAS400B03 | 3.480 | |
| 3 | | MAS400B05 | 3.481 | |
| 4 | | MAS400B07 | 3.433 | |
| 5 | | MAS400B12 | 3.433 | |
| 6 | | MAS400B15 | 3.458 | |
| 7 | | MAS400B18 | 3.457 | |
| 8 | | MAS400B24 | 3.458 | |
| 9 | | MAS400B28 | 3.457 | |

故障率とMTBFの算出法

Method of calculation for failure rate and MTBF

故障率 = (入力モジュールの故障率) + Σ (組込まれる出力モジュールの故障率)

Failure rate = (Failure rate of input module)
+ Σ (Failure rate of output module included in MAX1600F)

$$MTBF = \frac{1}{\text{故障率}} \quad [H]$$

$$MTBF = \frac{1}{\text{Failure rate}} \quad [H]$$