



TECHNICAL REPORT - MTBF -

No.RT304-E18320

製品名/ Product Name : FC6A Series Micro Smart
形番/ Part Number : FC6A-D16R1CEE (CPU module / Plus)
FC6A-N08B1 (Digital Input Modules)
FC6A-R081 (Digital Output Modules)
FC6A-N16B1 (Digital Input Modules)
FC6A-R161 (Digital Output Modules)
FC6A-EXM2 (Expansion Interface Module)
FC6A-EXM1M (Expansion Interface Module)
FC6A-EXM1S (Expansion Interface Module)
定格/ Rating : Rated Voltage 24V DC (CPU module)
適用規格/ Applicable Standards : MIL-HDBK-217F

Subject: Calculating MTBF about following products, based on The Notice2 appendix A
MIL-HDBK-217F

Environmental factor: G_B
Quality factor: MIL-SPEC or JAN rank Equivalency product.
Ambient Temperature: 30°C

Type	Ta=30°C	
FC6A-D16R1CEE	MTBF	97,000h (11 year)
FC6A-N08B1	MTBF	460,000h (52 year)
FC6A-R081	MTBF	380,000h (43 year)
FC6A-N16B1	MTBF	300,000h (34 year)
FC6A-R161	MTBF	350,000h (39 year)
FC6A-EXM2	MTBF	630,000h (71 year)
FC6A-EXM1M	MTBF	430,000h (49 year)
FC6A-EXM1S	MTBF	530,000h (60 year)

MTBF (Mean Time Between Failure)

承認/Approved by :

照査/Checked by :

担当/Tested by :



Satoshi Murakami
Quality Assurance Center



Hitoshi Yamano
Quality Assurance Center



Shuhei Yamamoto
Quality Assurance Center