Failure rate (FIT)

・The failure rate is calculated based on reliability tests conducted by our company, at a reliability level of 60%.

Series	Rated voltage (V)		Failure rate calculation conditions		Failure rate (FIT) PPM/10^3 h	Reliability level (%)
	VDC	VAC	Temperature (°C)	Voltage (VDC)		
ECHU(X)	16 to 50	-	125	V_R ×1.0	192	60
ECHU(C)	100	-	105	V_R ×1.0	192	60
ECQE(F)	100 to 1250	-	85	V_R ×1.0	80	60
	-	125, 250	85	V_R ×1.0	19	60
ECQE(B)	250	-	85	V_R ×1.0	80	60
	-	125	85	V_R ×1.0	19	60
ECQE(T)	250 to 630	-	85	V_R ×1.0	80	60
	-	125, 250	85	V_R ×1.0	19	60
ECWF(L)	400	-	105	V_R ×1.0	447	60
	450	-	105	V_R ×1.0	447	60
	630	-	105	V_R ×1.0	447	60
ECWF(A)	250	-	105	V_R ×1.0	1145	60
	-	125	105	V_R ×1.0	306	60
	450	-	85	V_R ×1.0	952	60
	630	-	85	V_R ×1.0	801	60
ECWFD	450	-	85	V_R ×1.0	364	60
	630	-	85	V_R ×1.0	401	60
ECWFE	450	-	85	V_R ×1.0	514	60
	630	-	85	V_R ×1.0	514	60
ECWFG	600	-	85	V_R ×1.0	99	60
	630	-	85	V_R ×1.0	124	60
	700	-	85	V_R ×1.0	263	60
	800	-	85	V_R ×1.0	114	60
	1100	-	85	V_R ×1.0	124	60
ECWFJ	600	-	85	V_R ×1.0	99	60
	630	-	85	V_R ×1.0	124	60
	700	-	85	V_R ×1.0	263	60
	800	-	85	V_R ×1.0	114	60
	1000	-	85	V_R ×1.0	127	60
	1100	-	85	V_R ×1.0	124	60
ECWH(V)	1000 to 2000	-	85	V_R ×1.0	668	60
ECWH(A)	800	-	105	V_R ×1.0	668	60
	1600	-	105	V_R ×1.0	331	60