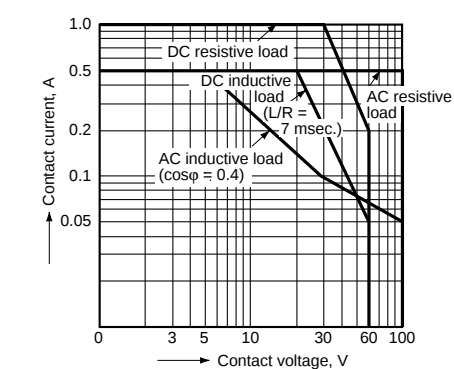


TYPES AND COIL DATA
 (at 20°C 68°F)

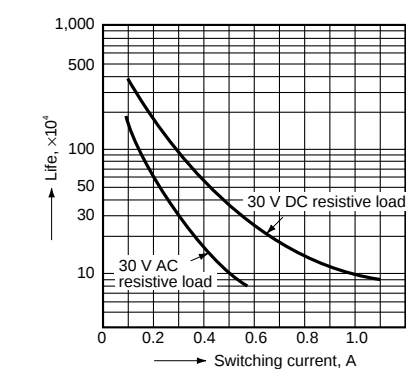
Part No.	Nominal voltage V DC	Pick-up voltage, VDC (max.)	Drop-out voltage, V DC (min.)	Coil resistance Ω ($\pm 10\%$)	Nominal operating current, mA	Nominal operating power, mW	Max. allowable voltage, V DC (at 60°C 140°F)
HD1-M-DC1.5V	1.5	1.2	0.15	8	187.5	280	1.65
HD1-M-DC3V	3	2.4	0.3	32	93.7	280	3.3
HD1-M-DC5V	5	4.0	0.5	89	56.1	280	5.5
HD1-M-DC6V	6	4.8	0.6	128	46.8	280	6.6
HD1-M-DC9V	9	7.2	0.9	270	33.3	280	9.9
HD1-M-DC12V	12	9.6	1.2	515	23.5	280	13.2
HD1-M-DC24V	24	19.2	2.4	2,060	11.6	280	26.4

REFERENCE DATA

1. Maximum switching power

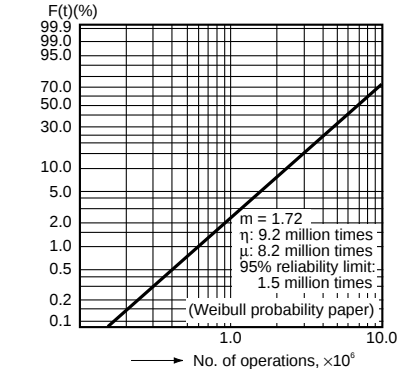


2. Life curve

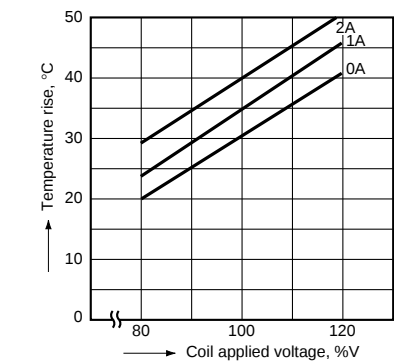


3. Contact reliability test

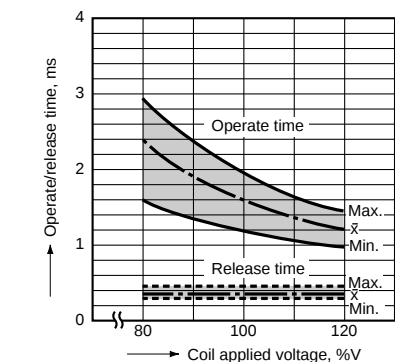
Condition: 1 V, 1 mA, 1 kHz AC
 Detection level (5 Ω)
 Sample: HD1-M-9VDC, 10 pcs.



4. Coil temperature rise

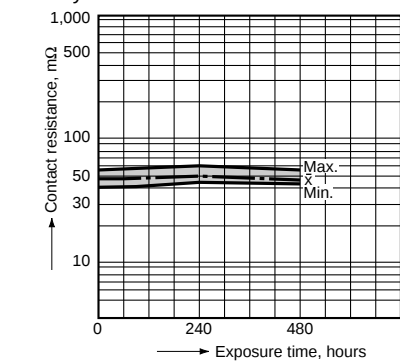


5. Operate/release time

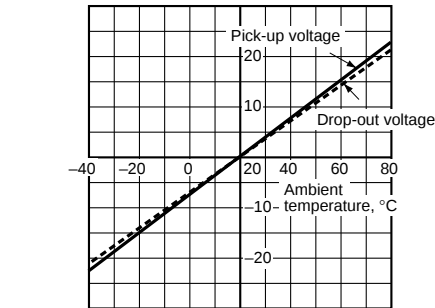


6. H₂S gas test

Gas density: 2 to 5 ppm
 Ambient temperature 35 to 37°C 95 to 99°F
 Humidity: 35 to 85% RH



7. Ambient temperature characteristics



DIMENSIONS

