

| TÄ-Nr. |  | 120AMP. POWER RELAY (12VDC) |
| :---: | :---: | :---: |
|  | ENVIRONMENTALLY SEALED |  |

ENVIRONMENTAL CHARACTERISTICS
TEMPERATUR RANGE ..... $-40^{\circ} \mathrm{C}$ TO $+85^{\circ} \mathrm{C}\left(-40^{\circ} \mathrm{F} \mathrm{TO}+185^{\circ} \mathrm{F}\right)$MAX. ALTITUDE RATING50000 FT
SEAL IP67 (6 FEET / 0,2 BAR - 1 MIN.) I.A.W. IEC 529IP6K9K (STEAM PRESSURE) DIN 40050 PART 9 AND I.A.W. IEC 529SHOCK G-LEVEL 6 G / 11 MSEC
VIBRATION 4 G / 50-2000 HZ
ELECTRICAL CHARACTERISTICS
MIN. INSULATION RESISTANCE; INITIAL 100 MEGOHMS
AFTER LIFE OR ENVIRONMENTAL 50 MEGOHMS
DIELECTRIC WITHSTANDING VOLTAGE SEA-LEVEL 1 MINUTE ..... 1050 VOLTSMAX. CONTACT DROP INITIAL500 VOLTSAFTER LIFE TEST0.15 VOLTSOVERLOAD0.175 VOLTS
DUTY RATING1000 AMP FOR 1 SEC., 250 AMP FOR 20 SEC.
RATED CONTACT LOAD (12 VDC)
RESISTIVE LOAD 200000 CYCLES WITH 120 AMP
INDUCTIVE LOAD 40000 CYCLES WITH 30 AMP
MOTOR LOAD 200000 CYCLES WITH 120 AMP
ENDURANCE 2000000 CYCLES
OPERATING CHARACTERISTICS
COIL DATA
VOLTAGE RANGE ..... 9-16 VDC
NOMINAL VOLTAGE ..... 12 VDC
PICK UP VOLTAGE MAX. 9 VDC FULL TEMP. RANGE
DROP OUT VOLTAGE MAX. $\leq 2$ VDC FULL TEMP. RANGECOIL RESISTANCE20 OHMS $\pm 10 \%$
COIL CURRENT APPROX. ..... 0.6 AMP
COIL POWER APPROX. ..... 8 WATT
TIME-MILLISECONDS-MAX.
OPERATE ..... 35
BOUNCE ..... 5
RELEASE ..... 15
WEIGHT $0.48 \mathrm{~kg}=1.06$ POUND MAX.
WIRE SECTION (AT NOMINAL LOAD) MIN. 25 mm² $^{2} 0.039$ sq. in. / AWG 3
MOUNTING POSITION OPTIONAL


