

| TÄ-Nr. |  |
| :---: | :---: |
|  | 200AMP. POWER RELAY (28VDC) |
|  | ENVIRONMENTALLY SEALED |

## IECHNICAL DATA

ENVIRONMENTAL CHARACTERISTICS
TEMPERATUR RANGE ........................................................................................................... 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 ..... $4 \mathrm{G} / 50-2000 \mathrm{HZ}$
ELECTRICAL CHARACTERISTICS
MIN. INSULATION RESISTANCE; INITIAL 100 MEGOHMS
AFTER LIFE OR ENVIRONMENTAL 50 MEGOHMS
DIELECTRIC WITHSTANDING VOLTAGESEA-LEVEL 1 MINUTE1050 VOLTSMAX. CONTACT DROP INITIAL500 VOLTSAFTER LIFE TEST0.15 VOLTS
OVERLOAD0.175 VOLTS
DUTY RATING200 AMP CONTINUOUS
RATED CONTACT LOAD (28 VDC)
RESISTIVE LOAD 200000 CYCLES WITH 200 AMP
INDUCTIVE LOAD 40000 CYCLES WITH 50 AMP
MOTOR LOAD 200000 CYCLES WITH 200 AMP
2000000 CYCLES
OPERATING CHARACTERISTICS
COIL DATA
VOLTAGE RANGE ..... 18-32 VDC
NOMINAL VOLTAGE ..... 28 VDC
PICK UP VOLTAGE MAX. 18 VDC FULL TEMP. RANGE
DROP OUT VOLTAGE MAX $\leq 4$ VDC FULL TEMP. RANGECOIL RESISTANCE62 OHMS $\pm 10 \%$
COIL CURRENT APPROX ..... 0.4 AMP
COIL POWER APPROX ..... 10 WATT
TIME-MILLISECONDS-MAX
OPERATE ..... 40
BOUNCE ..... 5
RELEASE ..... 20
WEIGHT $0.76 \mathrm{~kg}=1.68$ POUND MAX.
WIRE SECTION (AT NOMINAL LOAD) MIN. 70 mm² / 0.109 sq. in. / AWG 00
MOUNTING POSITIONOPTIONAL

| 1996 | Date | Name | $\stackrel{\mathrm{Inch}}{\mathrm{~mm}}$ | Scale |
| :---: | :---: | :---: | :---: | :---: |
| Design | 27.06. | Bo |  |  |
| Check | 27.06. | Grupp | General Tolerances |  |
| Appro |  |  | $\begin{gathered} \hline \text { DIN } 7168 \mathrm{~m} \\ \text { ISO } 2768 \\ \hline \end{gathered}$ |  |

