

TECHNICAL DATA

MEETS THE REQUIREMENTS OF MIL-R-6106

ENVIRONMENTAL CHARACTERISTICS

TEMPERATUR RANGE.....-55°C TO +74°C (-67°F TO +165°F)
MAX. ALTITUDE RATING.....50 000 FT
SEAL.....IEC PUBLICATION 529;IP 67;6 FT
SHOCK G-LEVEL.....MIL-STD-202, TEST METHOD 213, HALF SINE = 18 MSEC / 30 G
VIBRATION.....MIL-STD-202, TEST METHOD 213, TEST CONDITION C = 10 G
ACCELERATION.....15 G

ELECTRICAL CHARACTERISTICS

MIN.INSULATION RESISTANCE;INITIAL.....100 MEGOHMS
AFTER LIFE OR ENVIRONMENTAL.....50 MEGOHMS
DIELECTRIC WITHSTANDING VOLTAGE SEA-LEVEL 1MINUTE.....1 050 VOLTS
ALTITUDE 1MINUTE.....500 VOLTS

MAIN CONTACT

MAX.CONTACT DROP INITIAL.....0,15 VOLTS
AFTER LIFE TEST.....0,175 VOLTS
OVERLOAD.....2 400 AMP FOR 1 SEC, 900 AMP FOR 10 SEC, 600 AMP FOR 40 SEC
RUPTURE CURRENT.....3 000 AMP
DUTY RATING.....300 AMP CONTINUOUS

RATED CONTACT LOAD (28 VDC)

RESISTIVE LOAD.....50 000 CYCLES WITH 300 AMP
INDUCTIVE LOAD.....10 000 CYCLES WITH 150 AMP
MOTOR LOAD.....50 000 CYCLES WITH 300 AMP
MECHANICAL LIFE.....100 000 CYCLES WITH 75 AMP

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE.....18-32 VDC
NOMINAL VOLTAGE.....28 VDC
PICK UP VOLTAGE MAX.18 VDC FULL TEMP.RANGE
RESISTANCE PULL IN COIL.....3.6 OHMS ±20%
PULL IN CURRENT MAX.....6 AMP FOR 20 MSEC
RESISTANCE HOLDING COIL.....145 OHMS ±10%
HOLDING CURRENT MAX.....0,25 AMP
DROP OUT VOLTAGE.....≤6 VDC FULL TEMP.RANGE

TIME MILLISECONDS-MAX.

OPERATE.....20
RELEASE.....10
BOUNCE.....5

WEIGHT.....0,37kg = 0.82 POUND MAX.

WIRE SECTION (AT NOMINAL LOAD).....MIN. 95mm² / 0.132 sq.in./ AWG 000

A SETX OF SCREWS IS INCLUDED, TO ACCOMODATE VARIOUS THICKNESS OF CONNECTING EQUIPMENT.
M8x8 FOR THICKNESS 2MM (5/64") M8x10 FOR THICKNESS 4MM (5/32")
M8x12 FOR THICKNESS 6MM (15/64")

SUBJECT TO CHANGE

	Date	Name	mm	Scale		Drawing No:
Drawn	23.01.2012	Seeg	General Tolerances	1:1		26-57-01
Check	03.02.2012	Grind				NSN.: