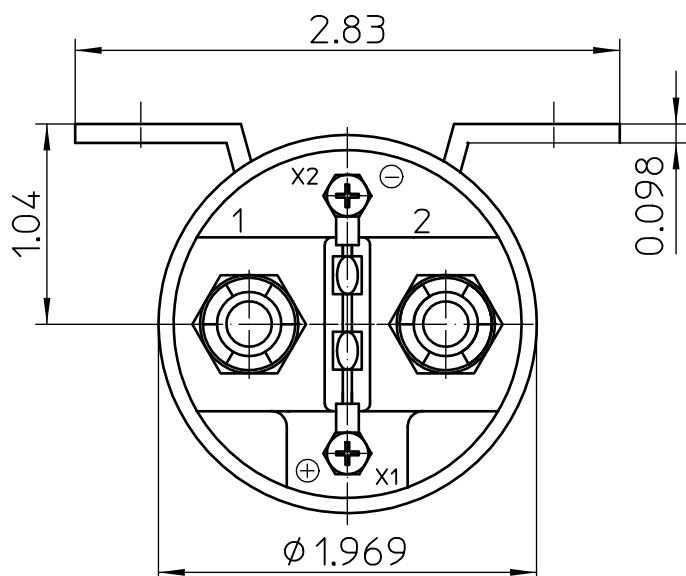
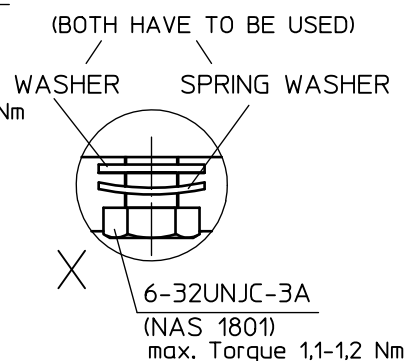
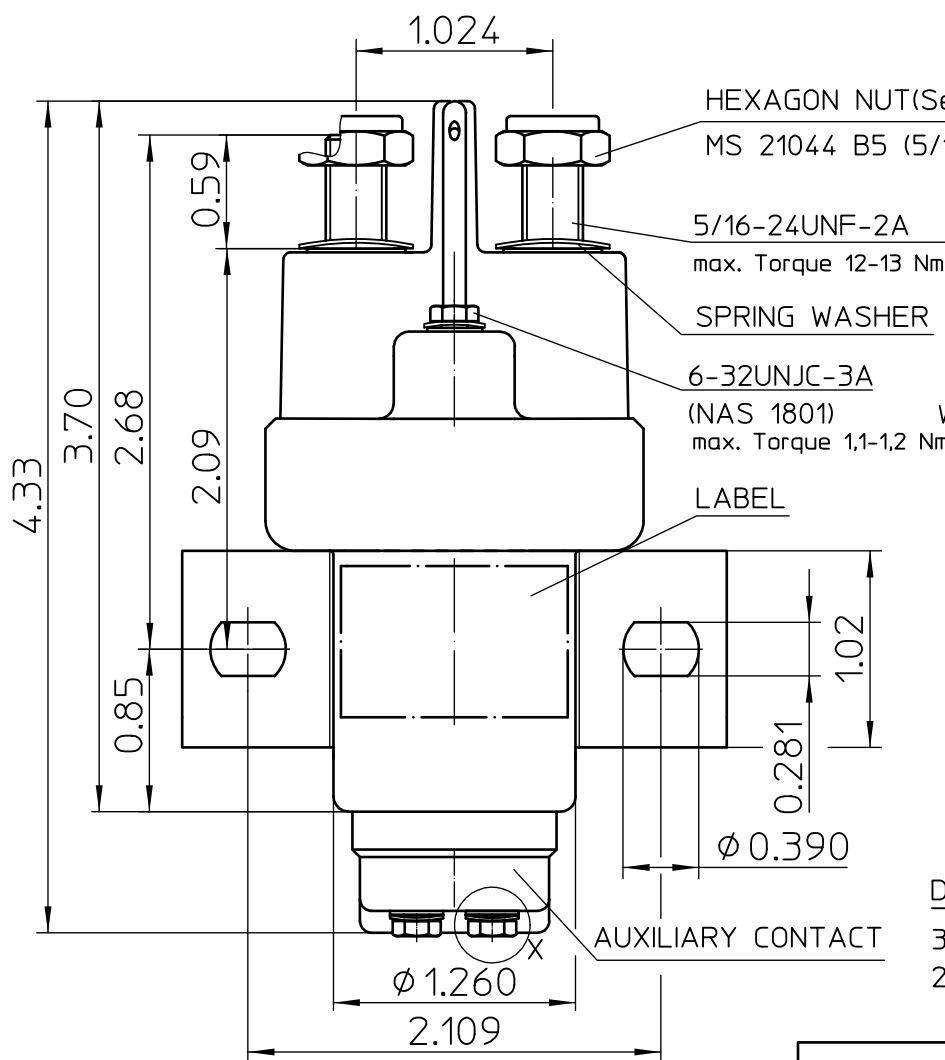
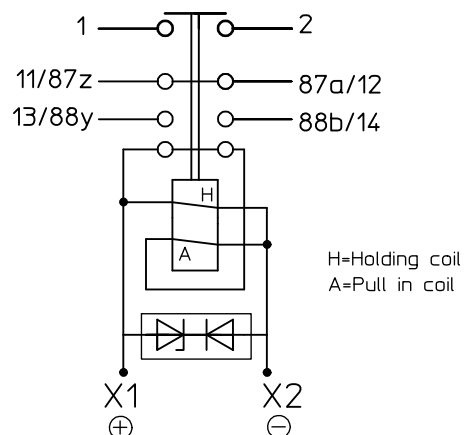


300AMP POWER RELAY (28VDC)

SIDE MOUNTING LIGH WEIGHT SUPPRESSION ENVIRONMENTALLY SEALED



CIRCUIT



DIMENSIONAL TOLERANCES

3 PLACE DECIMAL ± 0.010
2 PLACE DECIMAL ± 0.03
ANGULAR $\pm 0^{\circ}30'$

Date	Name	mm	Scale
21.10.2004	Hamar	1:1	
General Tolerances			
768 mK			



Drawing No:

26-55-72-906

NSN:

TECHNICAL DATA

ENVIRONMENTAL CHARACTERISTICS

TEMPERATUR RANGE.....-55°C TO +74°C (-67°F TO +165°F)
MAX. ALTITUDE RATING.....50 000FT
SEAL.....IEC PUBLICATION 529; IP 67; 6 FT
SHOCK G-LEVEL.....MIL-STD-202, TEST METHOD 213, TEST CONDITION J=30 G
VIBRATION MAIN CONTACT.....MIL-STD-202, TEST METHOD 204, TEST CONDITION C=10 G
VIBRATION AUXILIARY CONTACTS.....MIL-STD-202, TEST METHOD 204, TEST CONDITION C= 5 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
MAX.CONTACT DROP INITIAL.....0,15 VOLTS
AFTER LIFE TEST.....0,175 VOLTS
OVERLOAD.....2400 AMP FOR 1 SEC,900 AMP FOR 10 SEC,600 AMP FOR 40 SEC
RUPTURE CURRENT.....3000 AMP
DUTY RATING.....300 AMP CONTINUOUS

RATED CONTACT LOAD (28 VDC)

MAIN CONTACT

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

AUXILIARY CONTACT

CONTINUOUS CURRENT.....2 AMP
MAKE AND BREAK.....6 AMP

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE.....18-32 VDC
NOMINAL VOLTAGE.....28 VDC
PICK UP VOLTAGE MAX.T8 VDC FULL TEMP.RANGE
DROP OUT VOLTAGE MAX.<6 VDC FULL TEMP.RANGE
RESISTANCE PULL IN COIL.....3,6 OHMS ±20%
PULL IN CURRENT MAX.6 AMP FOR 20 MILLISECOND
RESISTANCE HOLDING COIL.....145 OHMS ±10%
HOLDING CURRENT MAX.0.25 AMP

TIME MILLISECONDS-MAX.

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

WEIGHT.....0,40kg= 0,882 POUND

WIRE SECTION (AT NOMINAL LOAD).....95 mm /AWG 000=0.132 sq.inch

SUBJECT TO CHANGE

	Date	Name	mm	Scale		Drawing No:
Drawn	22.10.2004	Hamar	General Tolerances	1:1		26-55-72-906
			768 cL			NSN: