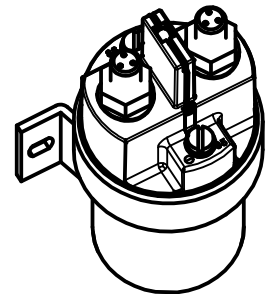
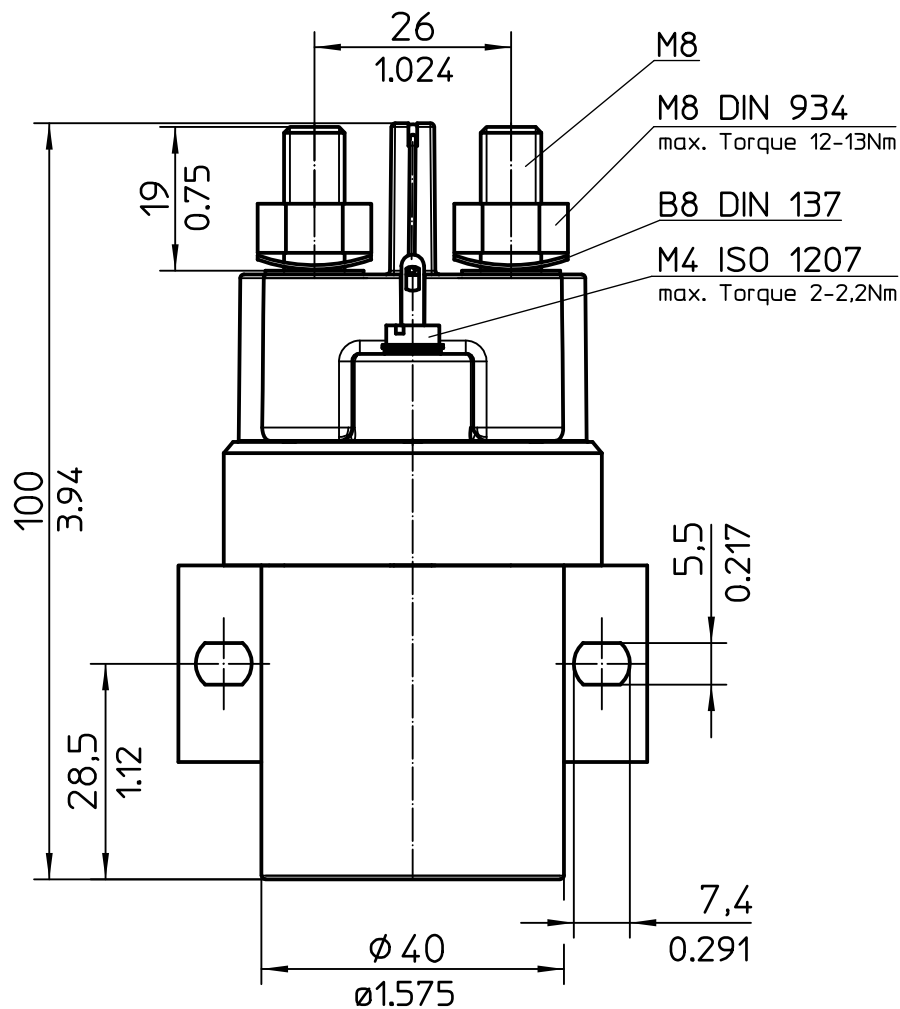
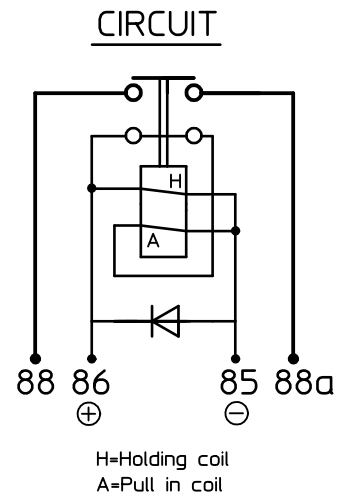
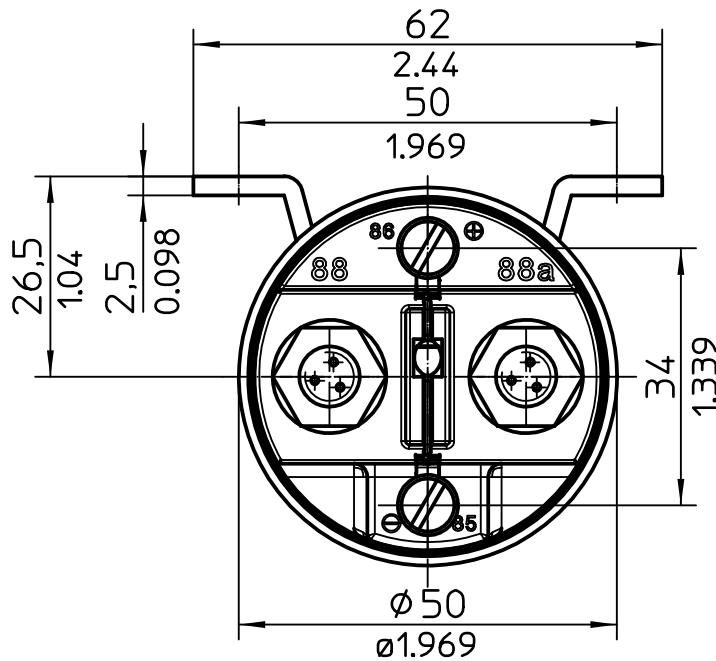
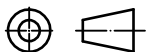


SIDE MOUNTING ENVIRONMENTALLY SEALED SUPPRESSION DIODE



ISO 1:2



Third Angle Projection

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

	Date	Name	$\frac{\text{mm}}{\text{inch}}$	Scale 1:1
Drawn	01.09.2011	Seeger		
			General	Tolerances



Drawing No:

26-08-08-909

NSN.:

MEETS THE REQUIREMENTS OF MIL-R-6106

ENVIRONMENTAL CHARACTERISTICS

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TEMPERATUR RANGE.....-55° C TO +130° C (-67° F TO +266° 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

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ELECTRICAL CHARACTERISTICS

MIN. INSULATION RESISTANCE; INITIAL.....	100 MEGOHMS
AFTER LIFE OR ENVIRONMENTAL.....	50 MEGOHMS
DIELECTRIC WITHSTANDING VOLTAGE SEA-LEVEL 1 MINUTE.....	1 050 VOLTS
ALTITUDE 1 MINUTE.....	500 VOLTS
MAX. CONTACT DROP INITIAL.....	0.15 VOLTS
AFTER LIFE TEST.....	0.175 VOLTS
OVERLOAD.....	1600 AMP
RUPTURE CURRENT.....	2000 AMP
DUTY RATING.....	200 AMP CONTINUOUS

RATED CONTACT LOAD (28VDC)

MAIN CONTACT

RESISTIVE LOAD.....	50 000 CYCLES WITH 200 AMP
INDUCTIVE LOAD.....	10 000 CYCLES WITH 100 AMP
MOTOR LOAD.....	50 000 CYCLES WITH 200 AMP
MECHANICAL LIFE.....	100 000 CYCLES WITH 50 AMP

OPERATIONAL 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.....	.5,2 OHMS $\pm 20\%$
PULL IN CURRENT MAX.....	.4 AMP FOR 20 MILLISECONDS
RESISTANCE HOLDING COIL.....	120 OHMS $\pm 10\%$
HOLDING CURRENT MAX.....	.0.30 AMP
DROP OUT VOLTAGE.....	<6 VDC FULL TEMP.RANGE

TIME-MILLISECONDS-MAX.

OPERATE.....	25
RELEASE WITH SUPPRESSION DIODE.....	80
WITHOUT SUPPRESSION DIODE.....	15
BOUNCE.....	5

WEIGHT.....0.6 kg = 1.32 POUND MAX.

WIRE SECTION (AT NOMINAL LOAD).....MIN. 70 mm /0.109 sq.in./AWG 00

SUBJECT TO CHANGE

	Date	Name	mm	Scale 1:1		Drawing No: 26-08-08-909
Drawn	01.09.2011	Seeger	General Tolerances			NSN.: