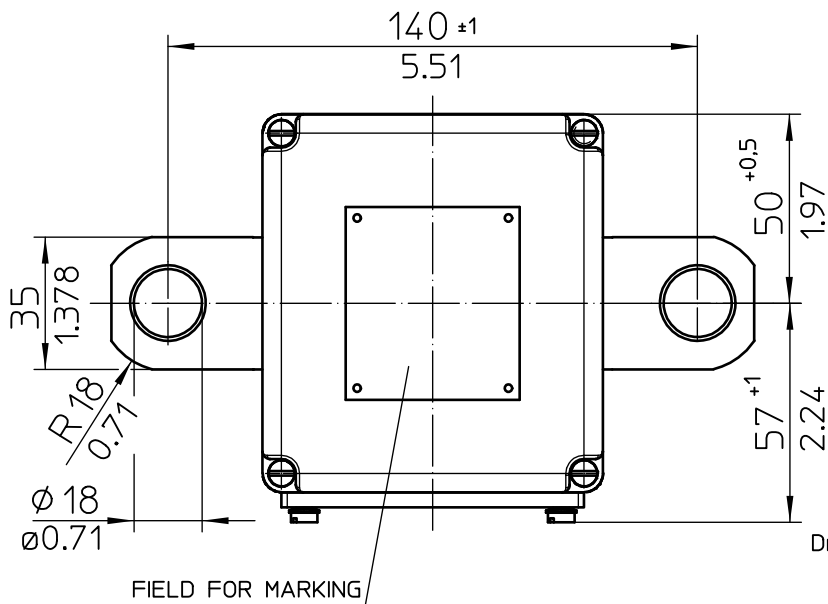
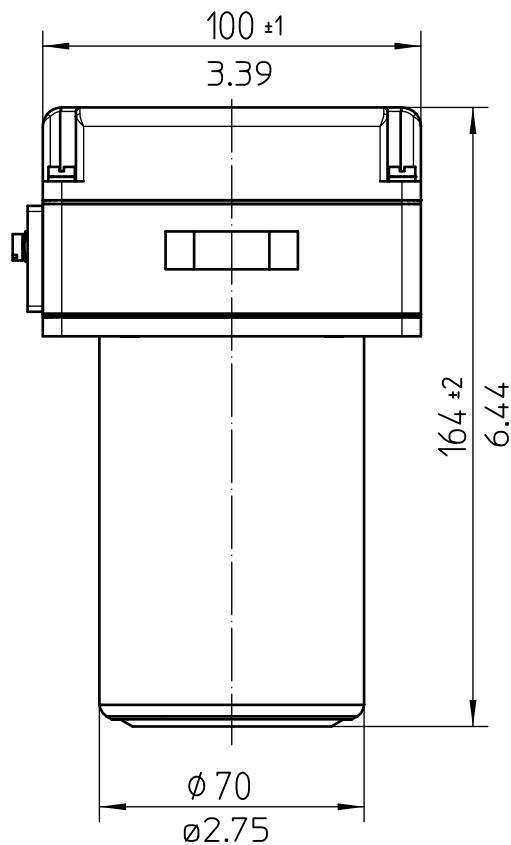
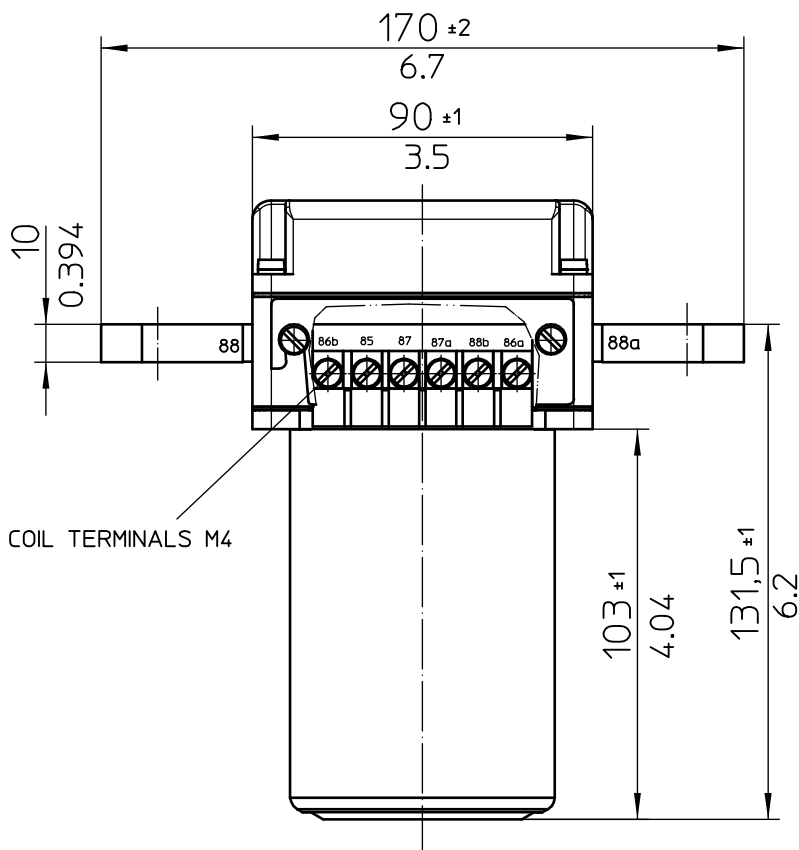
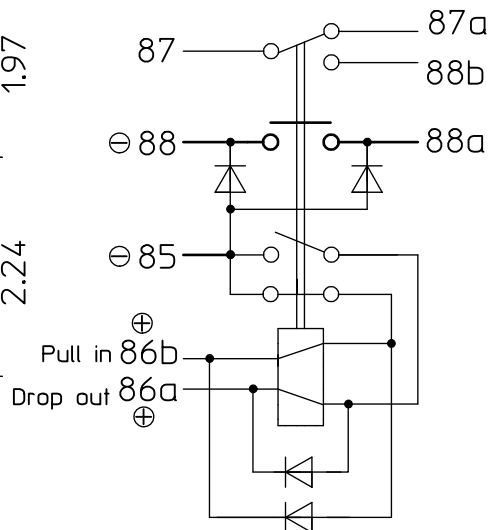


1000 AMP. BI-STABLE RELAY (28VDC)

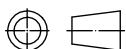
SUPPRESSION DEVICE AUXILIARY CONTACT ENVIRONMENTALLY SEALED



CIRCUIT



Third Angle Projection



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

Date	Name
23.05.2007	Hamar
06.02.2009	Grind

mm

Scale

1:2

General Tolerances
DIN ISO 2768 mK



Drawing No:

26-02-30

NSN.:

TECHNICAL DATA

This Bi-stable relay is equipped with 2 coils and magnetical latching. The relay will pick up (make) by an impulse to the pull-in coil. Without current the make position will be held by a permanent magnet. The relay will open (break) through an impulse to the drop-out coil. Break position is also supported by the permanent magnet. With the integrated self-switching off an applied continuous load to the pull in coil or drop out coil is without any influence.

ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE RANGE.....	-46°C TO +85°C (-50.8°F TO +185°F)
MAX. ALTITUDE RATING.....	50 000 FT
SEAL.....	IP67 (6FEET/0,2BAR-1MIN.) I.A.W.IEC 529 IP6K9K (STEAM PRESSURE) DIN 40050 PART 9 AND I.A.W.IEC 529
SHOCK G-LEVEL ENERGIZED.....	MIL-STD-202, TEST METHOD 213, TEST CONDITION A =50 G/11 MSEC
VIBRATION ENERGIZED.....	MIL-STD-202, TEST METHOD 204, TEST CONDITION D =20 G/10-2000 Hz
ACCELERATION.....	15 G
RESISTANCE CORROSION.....	MIL-STD-202, TEST METHOD 101, SALT SPRAY TEST, TEST CONDITION A
CLIMATE.....	MIL-STD-202, TEST METHOD 103, HUMIDITY, TEST CONDITION B
CHEMICALS....	AGAINST MOST OILS, FUELS, HYDRAULIC FLUIDS, ALCOHOL & FIRE-EXTINGUISHING AGENTS

ELECTRICAL CHARACTERISTICS

MIN.INSULATION RESISTANCE; INITIAL.....	100 MEGOHMS
AFTER LIFE OR ENVIRONMENTAL.....	50 MEGOHMS
DIELECTRIC WITHSTANDING VOLTAGE SEA-LEVEL 1 MINUTE.....	1 000 VOLTS
ALTITUDE 1 MINUTE.....	500 VOLTS

MAIN CONTACT

MAX. CONTACT DROP INITIAL.....	0.15 VOLTS
CONTACT DROP AFTER LIFE TEST.....	0.175 VOLTS
CONTINUOUS CURRENT (RESISTIVE LOAD).....	1000 AMP
OVERLOAD.....	4000 AMP FOR 1 SEC, 2000 AMP FOR 2 MIN
AUXILIARY CONTACT.....	
CONTINUOUS CURRENT.....	16 A
MAKE AND BREAK.....	16 A

RATED CONTACT LOAD (28 VDC)

RESISTIVE LOAD.....	10 000 CYCLES
ENDURANCE.....	50 000 CYCLES

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE.....	18-32 VDC
NOMINAL VOLTAGE.....	28 VDC
PICK UP VOLTAGE MAX.....	13 VDC FULL TEMP. RANGE
DROP OUT VOLTAGE MAX.....	8 VDC FULL TEMP. RANGE
PULL IN COIL RESISTANCE.....	~1 OHMS
PULL IN CURRENT APPROX.....	25 A FOR 50 MS (SELF-SWITCHING OFF)
DROP OUT COIL RESISTANCE.....	~1,3 OHMS
DROP OUT CURRENT APPROX.....	18 A FOR 50 MS (SELF-SWITCHING OFF)

TIME-MILLISECONDS-MAX.

OPERATE.....	60
BOUNCE.....	5
RELEASE.....	40

WHEIGT.....4.1 KG = 9.1 POUND MAX.

WIRE SECTION (AT NOMINAL LOAD).....MIN.500mm²/0.775sq. in./MCM 1000

MOUNTING POSITION.....OPTIONAL

SURFACE.....HOUSING OLIVE-GREEN LAQUERED

MOUNTING.....WITH STANDARD-BRACKET, ORDER-NO.:26-50-00

SUBJECT TO CHANGE

	Date	Name	mm 	Scale —	 Elektrotechnik - GmbH & Co KG D - 72218 Wildberg	Drawing No:	26-02-30
Drawn	06.11.2006	Hamar	General Tolerances DIN ISO 2768 mK				
Check	06.02.2009	Grind				NSN.:	