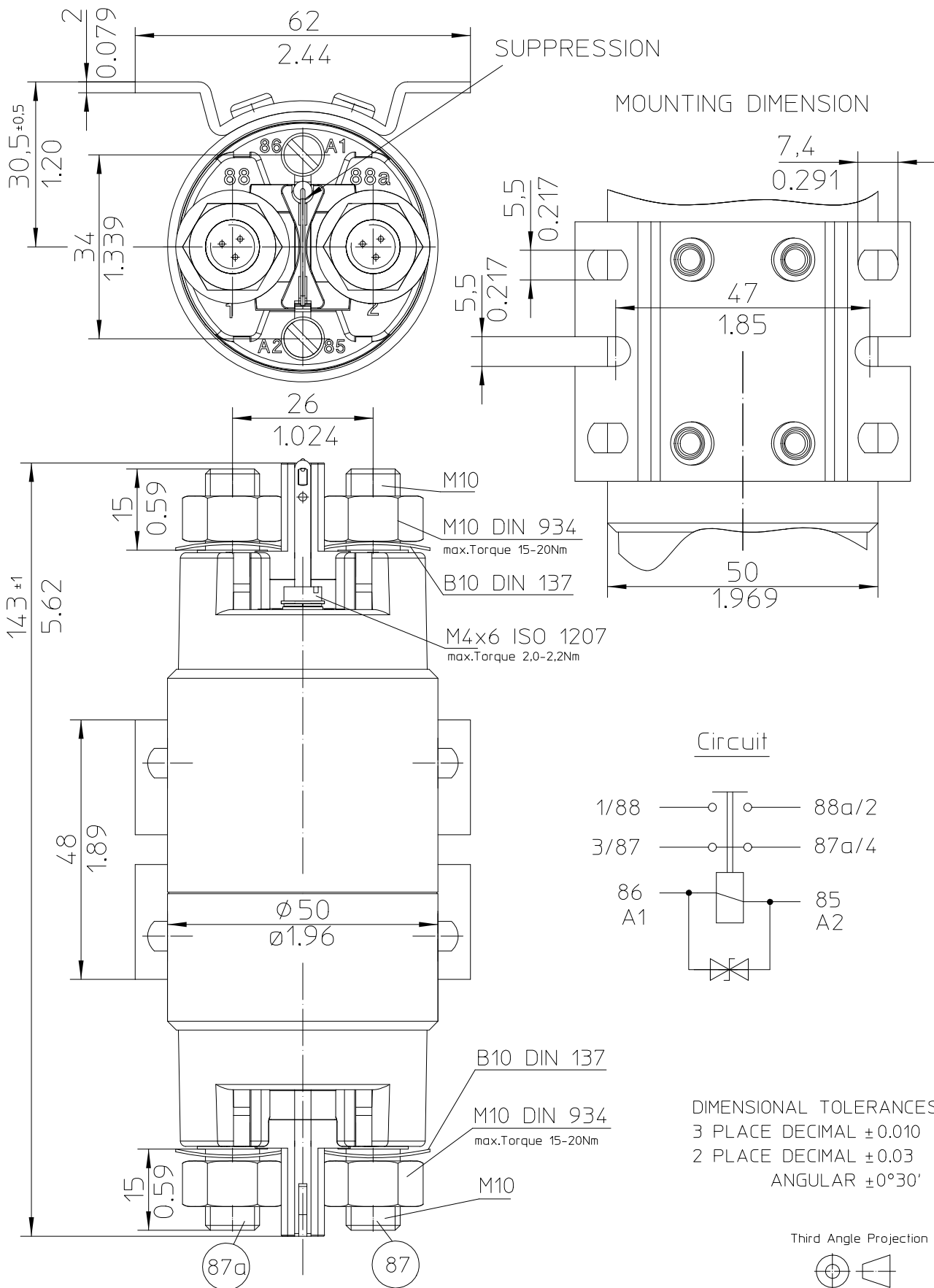


300AMP. POWER RELAY

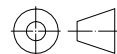
MAKE & BREAK CONTACT (CHANGEOVER) STANDARD SIDE MOUNTING SUPPRESSION DIODE



Circuit

DIMENSIONAL TOLERANCES
 3 PLACE DECIMAL ±0.010
 2 PLACE DECIMAL ±0.03
 ANGULAR ±0°30'

Third Angle Projection



For this drawing we reserve the copyright in accordance with DIN ISO 16016

	Date	Name
Create	01.07.2015	Hamar
Edited	06.11.2019	Mielk
Check	06.11.2019	Kaise

mm Inch	Scale 1:1
General Tolerances DIN ISO 2768 cL	



Drawing No:	29-321-11
NSN:	

Technical Data

ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE RANGE -40°C TO +85°C (-40°F TO +185°F)
 MAX. ALTITUDE RATING 50 000 FT
 SEAL IP67 (6 FT/ 0,2BAR 1 MIN.) I.A.W. IEC 529
 IP6K9K (STEAM PRESSURE) DIN 40050 PART 9 AND I.A.W. IEC 529
 SHOCK G-LEVEL 6G/ 11 MSEC
 VIBRATION 4G/ 50-2000 Hz

ELECTRICAL CHARACTERISTICS

MIN. INSULATION RESISTANCE INITIAL 100 MEGOHMS
 AFTER LIVE OR ENVIRONMENTAL 50 MEGOHMS
 DIELECTRIC WITHSTANDING VOLTAGE SEA LEVEL 1 MINUTE: 1050 VOLTS
 ALTITUDE 1 MINUTE: 500 VOLTS
 MAX. CONTACT DROP INITIAL 0,15 VDC
 AFTER LIFE TEST 0,175 VDC
 OVERLOAD 2400 AMP FOR 1 SEC, 600 AMP FOR 20 SEC
 DUTY RATING 300 AMP CONTINUOUS

RATED CONTACT LOAD

MAIN CONTACT

RESISTIVE LOAD 200 000 CYCLES
 ENDURANCE 2 000 000 CYCLES

OPERATING CHARACTERISTICS

COIL DATA

28VDC INTERMITTENT DUTY COIL (ON TIME MAX. 1MINUTE)
 VOLTAGE RANGE 9-18 VDC
 NOMINAL VOLTAGE 12 VDC
 PICK UP VOLTAGE MAX. 9 VDC FULL TEMP. RANGE
 DROP OUT VOLTAGE MAX. ≤ 2 VDC FULL TEMP. RANGE
 COIL RESISTANCE 15 OHMS ±10%
 COIL CURRENT APPROX. 0,8 AMP
 COIL POWER APPROX. 10 W

TIME-MILLISECONDS-MAX. CONTACT (NO)

OPERATE (CLOSING) 40
 BOUNCE 5
 RELEASE (OPENING) 20

TIME-MILLISECONDS-MAX. CONTACT (NC)

OPERATE (OPENING) 30
 BOUNCE 8
 RELEASE (CLOSING) 35



WEIGHT 0,91 KG = 2.00 POUND MAX.

WIRE SECTION (AT NOMINAL LOAD) MIN. 95mm²/0.147 sq.in./AWG 0000

MOUNTING POSITION OPTIONAL

SUBJECT TO CHANGE

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Create	01.07.2015	Hamar				General Tolerances DIN ISO 2768 cL
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