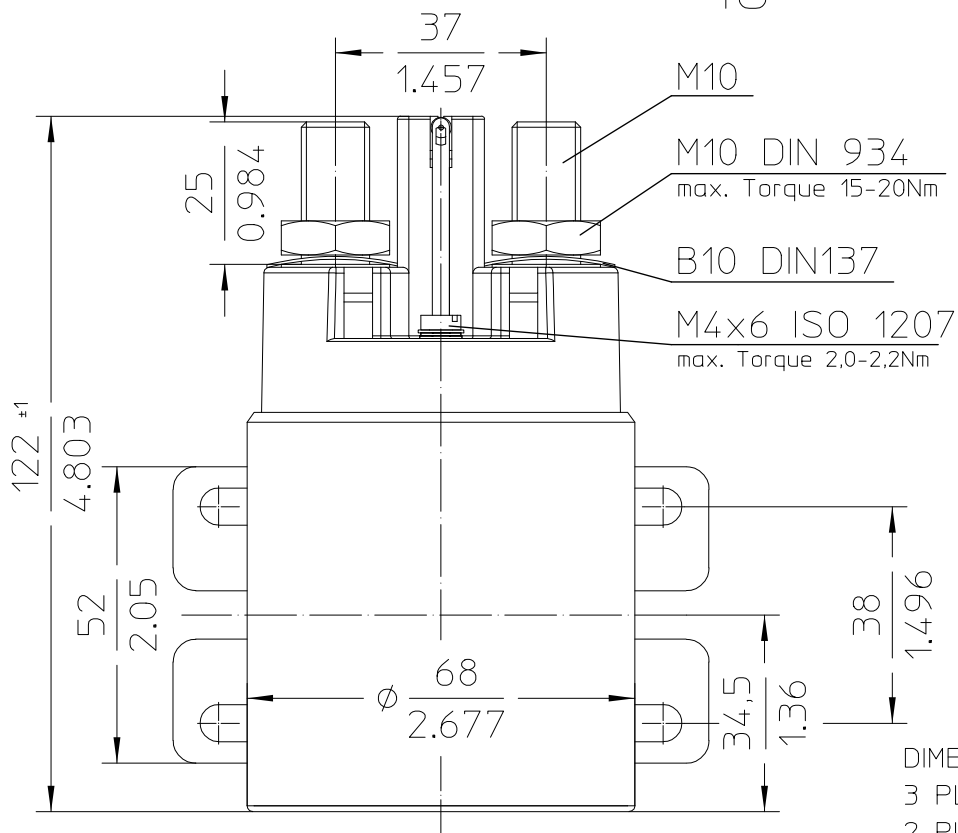
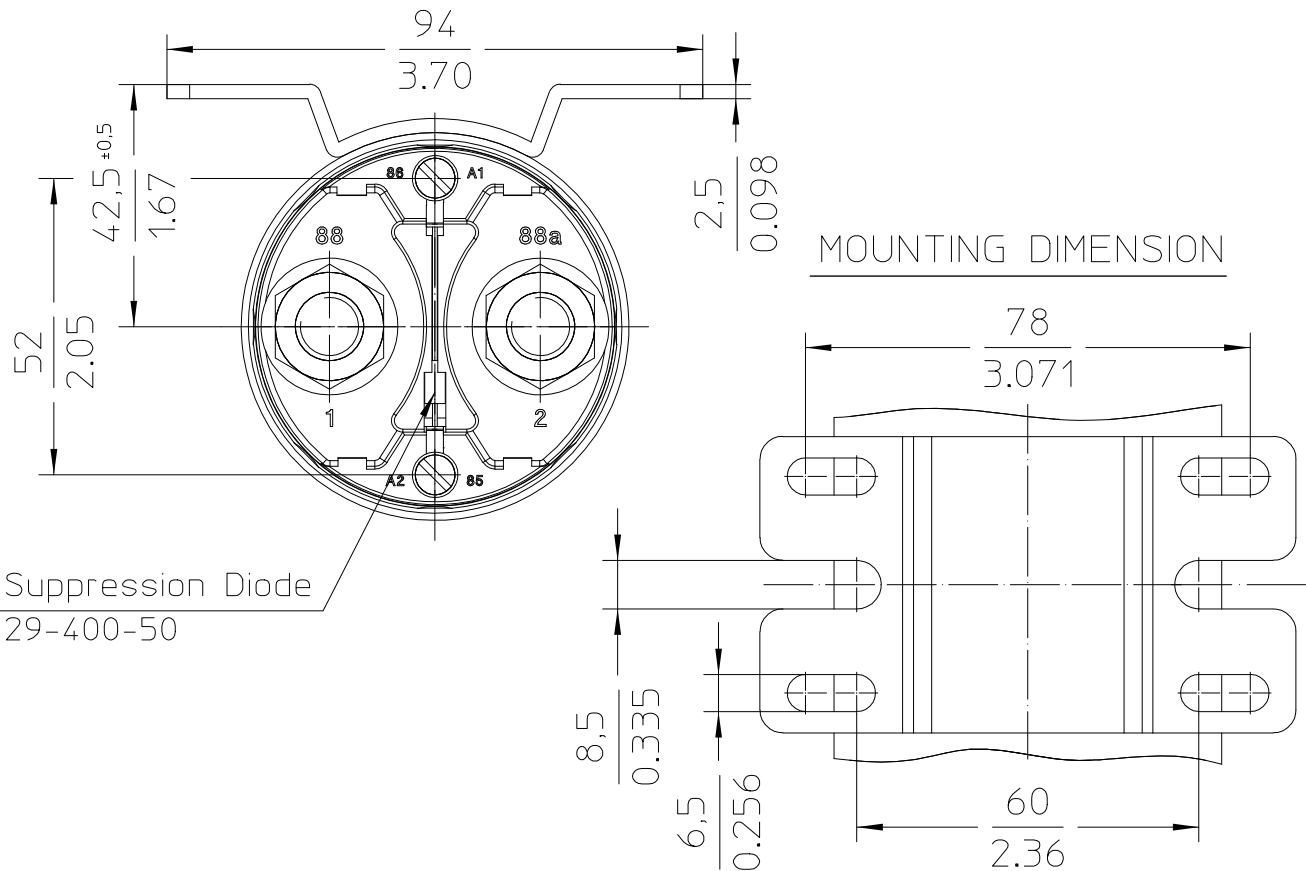
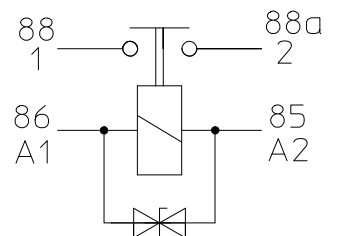


500AMP. POWER RELAY (24 VDC)

ENVIRONMENTALLY SEALED STANDARD SIDE MOUNTING

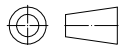


CIRCUIT



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	mm Inch	Scale 1:1.3		Drawing No:
Create	18.10.2019	Mielk				29-511-12
Edited	22.10.2019	Mielk	General Tolerances DIN ISO 2768 cL			NSN:
Check	22.10.2019	Kaise				

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 4000 AMP FOR 1 SEC, 1800 AMP FOR 20 SEC
DUTY RATING 500 AMP CONTINUOUS

RATED CONTACT LOAD

RESISTIVE LOAD 100 000 CYCLES
ENDURANCE 1 000 000 CYCLES

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE 18-32 VDC
NOMINAL VOLTAGE 28 VDC
PICK UP VOLTAGE MAX. 18 VDC FULL TEMP. RANGE
DROP OUT VOLTAGE MAX. ≤ 4 VDC FULL TEMP. RANGE
COIL RESISTANCE 36 OHMS ±10%
COIL CURRENT APPROX. 0,78 AMP
COIL POWER APPROX. 22 W

TIME-MILLISECONDS-MAX.

OPERATE 60
BOUNCE 5
RELEASE 30

WEIGHT 1.60 KG = 3.53 POUND MAX.

WIRE SECTION (AT NOMINAL LOAD) MIN. 150mm²/ 0.233 sq. in./ MCM 300

MOUNTING POSITION OPTIONAL

SUBJECT TO CHANGE

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Edited	22.10.2019	Mielk	General Tolerances DIN ISO 2768 cL		NSN.:	
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