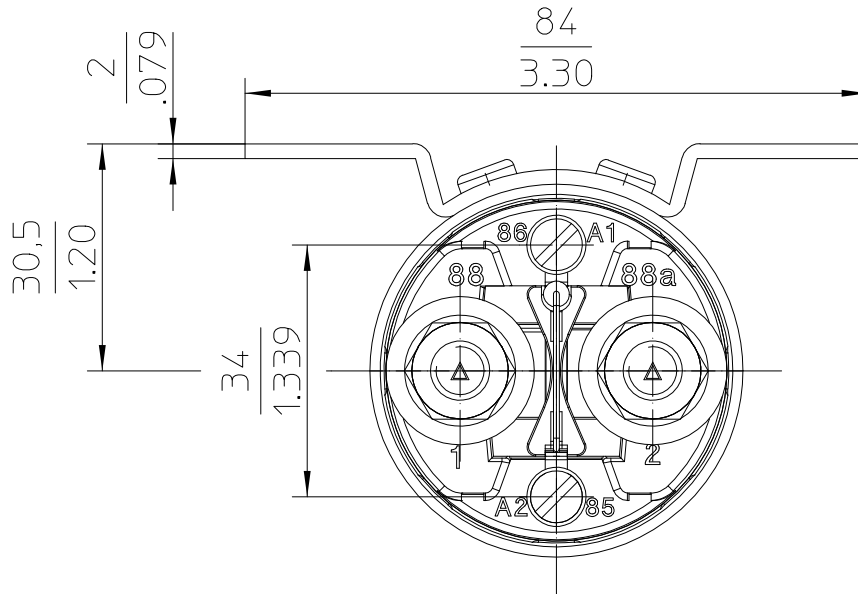
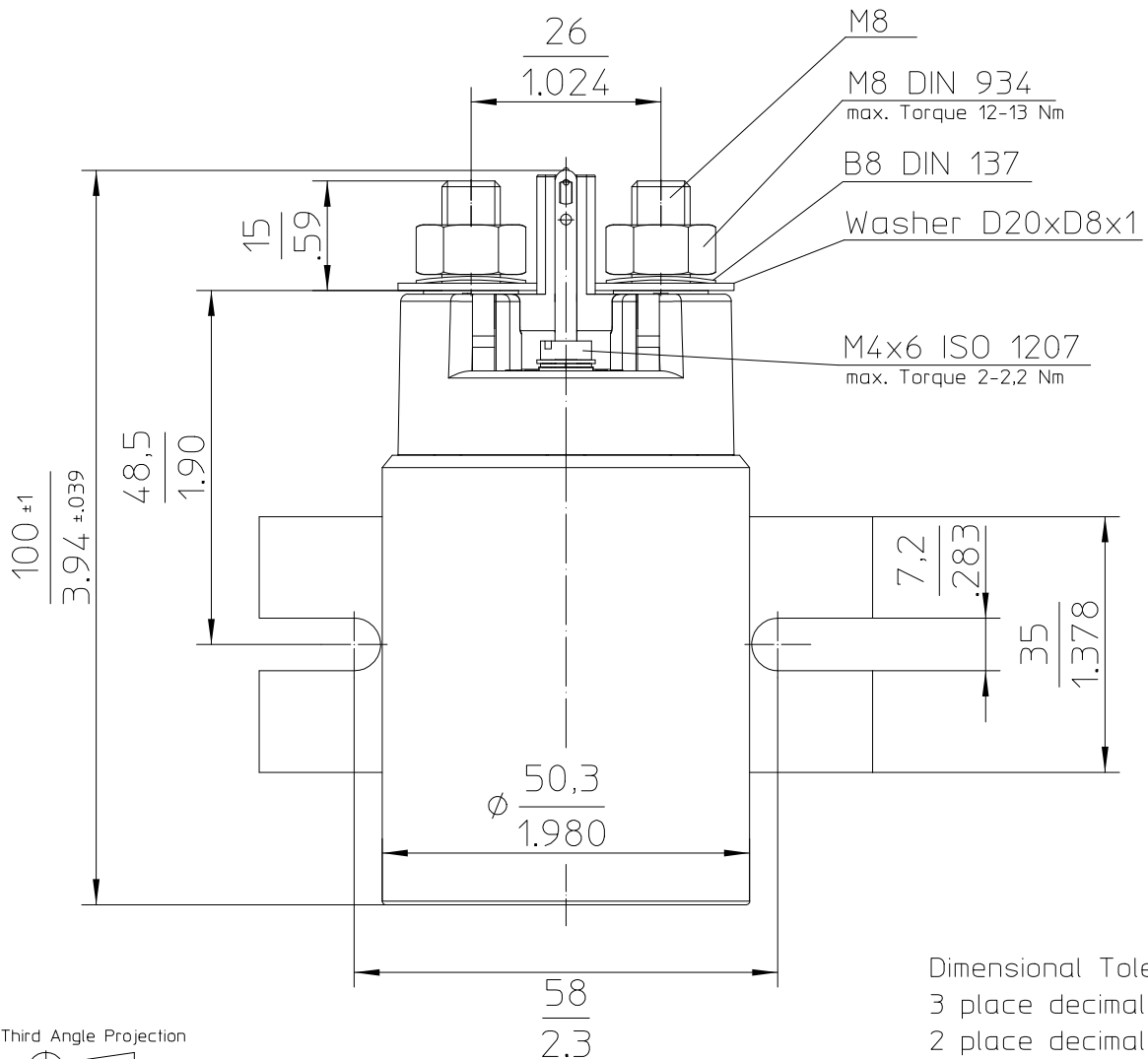
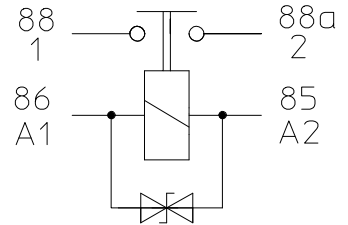


500AMP POWER RELAY (28VDC)

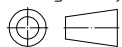
LONG FORM SIDE MOUNTING / ENVIRONMENT. SEALED / STUD TERMINAL M8 / SUPPRESSION DEVICE



CIRCUIT:



Third Angle Projection



Dimensional Tolerances
 3 place decimal ±0.010
 2 place decimal ±0.03
 Angular ±0°30'

	Date	Name	mm inch	Scale 1:1		Drawing No:
Drawn	14.01.2016	Kaise				29-5314-12-965
Check	07.10.2016	Kaise	General Tolerances DIN ISO 2768 cL			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 FEET/0,2 bar-1 MIN) I.A.W. IEC 529
.....IP6K9K (STEAM PRESSURE)DIN 40050 PART 9 AND I.A.W. IEC 529
SHOCK G-LEVEL 6 G/ 11 MSEC
VIBRATION4g /50-2000 Hz

ELECTRICAL CHARACTERISTICS
MIN. INSULATIONS 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 2400 AMP FOR 1 SEC, 600 AMP FOR 20 SEC
DUTY RATING 300 AMP CONTINUOUS
CONTINUOUS (CARRY) CURRENT, TYPICAL 500 AMP @ 65°C (mcm400)

RATED CONTACT LOAD
MAIN CONTACT
RESISTIVE LOAD 300 AMP 200 000 CYCLES
MOTOR LOAD 300 AMP 200 000 CYCLES
ENDURANCE 2 000 000 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
RESISTANCE PULL IN COIL 62 OHMS ±20%
PULL IN CURRENT APPROX. 0.4 AMP
COIL POWER APPROX. 10 WATTS

TIME-MILLISECONDS-MAX.
OPERATE 40
BOUNCE 5
RELEASE 20

WEIGHT 0,82 KG = 1,81 POUND MAX.

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

MOUNTING POSITION OPTIONAL

SUBJECT TO CHANGE