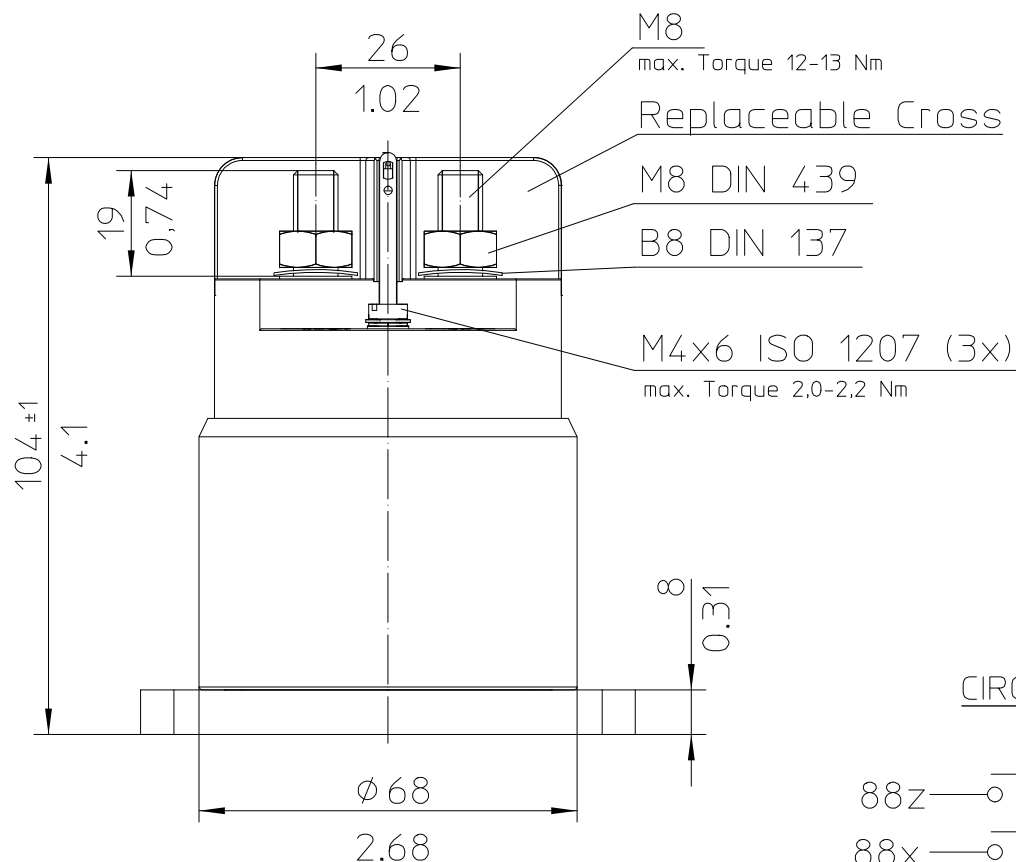
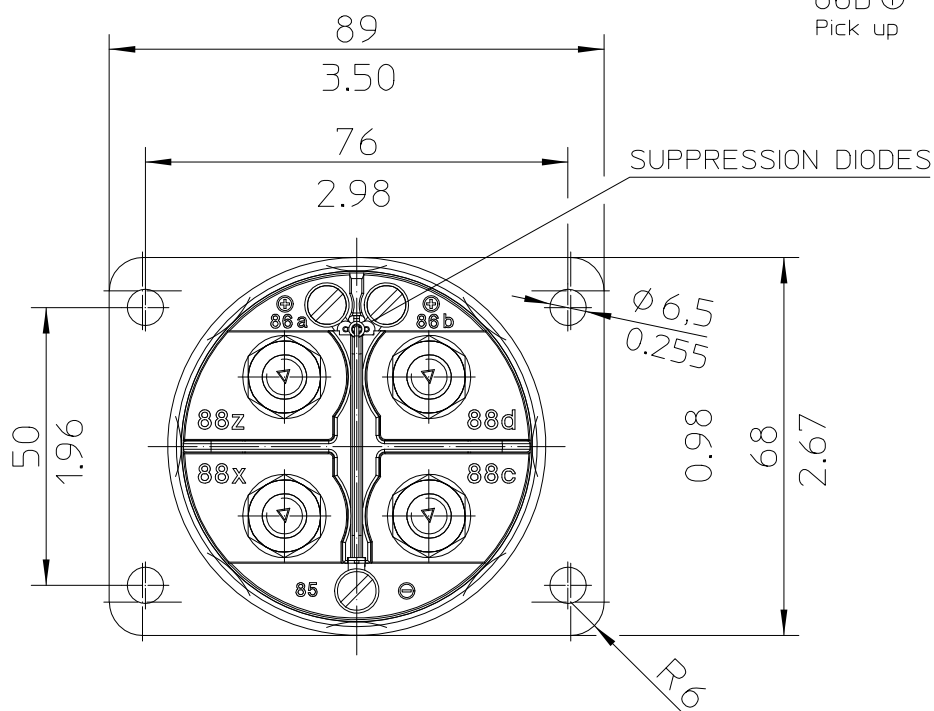
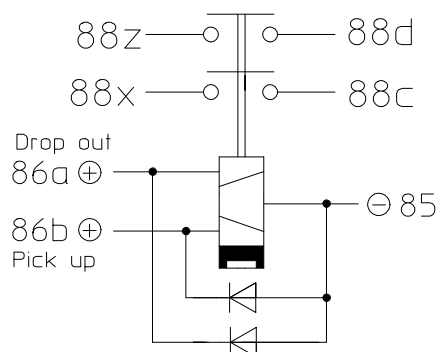




CIRCUIT:



DIMENSIONAL TOLERANCES
3 PLACE DECIMAL +/- 0,010
2 PLACE DECIMAL +/- 0,03
ANGULAR +/- 0°30'

Bi-stable relays of the series 30 are 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.

ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE RANGE-40°C TO 85°C (-40°F TO +185°F)
 MAX. ALTITUDE RATING50 000 FT
 SEALIP67 (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-LEVEL10 G/ 11 MSEC
 VIBRATION4g /50-2000 Hz

ELECTRICAL CHARACTERISTICS

MIN. INSULATIONS RESISTANCE; INITIAL100 MEGOHMS
 AFTER LIFE OR ENVIRONMENTAL50 MEGOHMS
 DIELECTRIC WITHSTANDING VOLTAGE SEA-LEVEL 1 MINUTE1 050 VOLTS
 ALTITUDE 1 MINUTE500 VOLTS
 MAX. CONTACT DROP INITIAL0.15 VOLTS
 AFTER LIFE TEST0.175 VOLTS
 OVERLOAD2X2400 AMP FOR 1 SEC, 2X600 AMP FOR 20 SEC
 DUTY RATING2X300 AMP CONTINUOUS

RATED CONTACT LOAD

MAIN CONTACT
 RESISTIVE LOAD2X300 AMP100 000 CYCLES
 ENDURANCE150 000 CYCLES

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE18-32 VDC
 NOMINAL VOLTAGE24/28 VDC
 PICK UP VOLTAGE MIN13 VDC FULL TEMP. RANGE
 DROP OUT VOLTAGE MIN10 VDC
 RESISTANCE PULL IN COIL2,7 OHMS ±10%
 PULL IN CURRENT APPROX. APPROX. 10 AMP
 RESISTANCE DROP OUT COIL3,8 OHMS ±10%
 DROP OUT CURRENT APPROX. APPROX. 7,3 AMP
 PICK UP IMPULSE TIME50 MSEC APPROX. (CONTINUOUS IMPULSE MAX. 1 MIN)
 DROP OUT IMPULSE TIME50 MSEC APPROX. (CONTINUOUS IMPULSE MAX. 1 MIN)

TIME-MILLISECONDS-MAX.

OPERATE25
 BOUNCE5
 RELEASE10

WEIGHT1,10 KG = 2,508 POUND MAX.

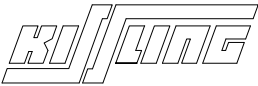
WIRE SECTION (AT NOMINAL LOAD)MIN. 95 qmm / 0.147 sq.in. / AWG 0000

MOUNTING POSITIONOPTIONAL

OPTIONAL MAGNETIC BLOWOUTS

RECOMMENDED FOR HIGH INDUCTIVE LOADS AND FOR CONTACT VOLTAGES >40 VDC TO
 EXTEND CONTACT LIFE, IF REQUIRED ADD SUFFIX "B" TO THE END OF ORDER-NO.

SUBJECT TO CHANGE

	Date	Name	mm	Scale		Drawing No:
Drawn	07.03.2011	Kaise		1:1		30-343-12
Check	09.03.2017	Kaise		General Tolerances		NSN: