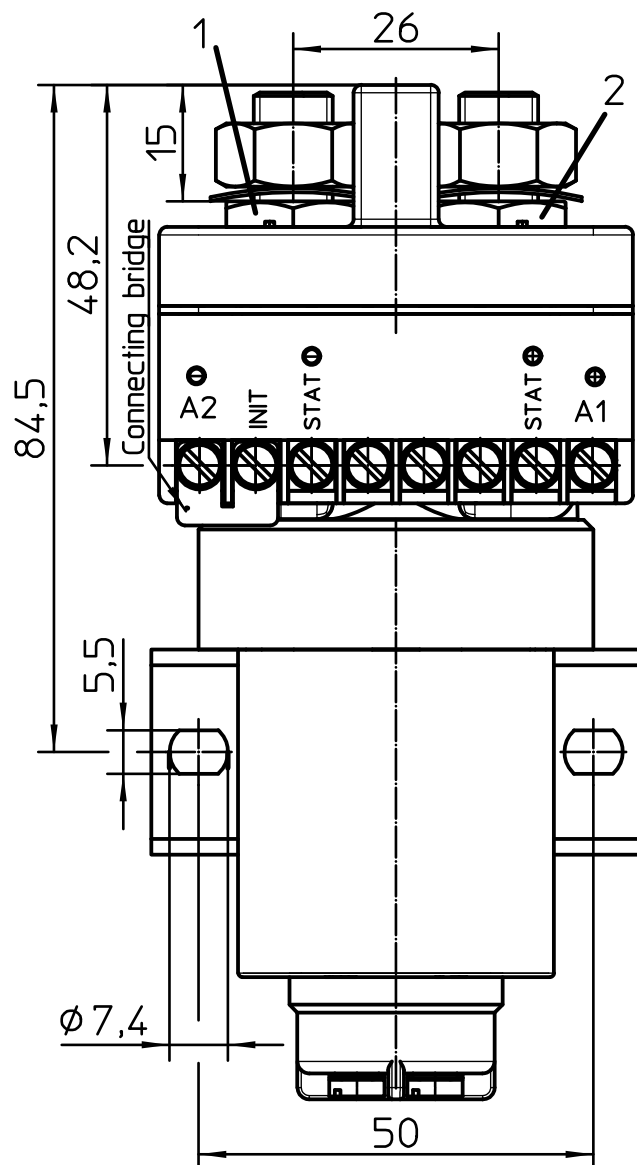
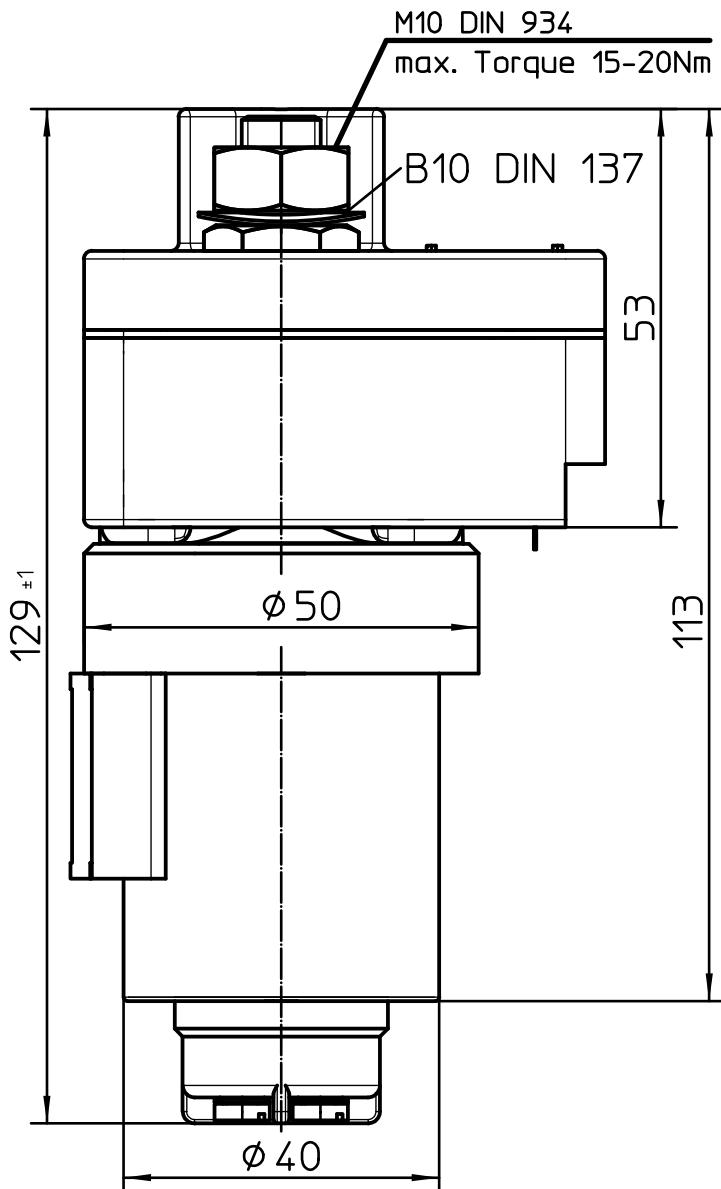


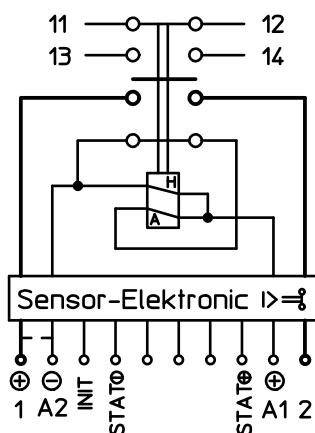
300AMP POWER RELAY (28 VDC)

WITH INTEGRATED CURRENT SENSING VITRONIX SPECIAL TYPE

For this drawing we reserve the copyright
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CIRCUIT



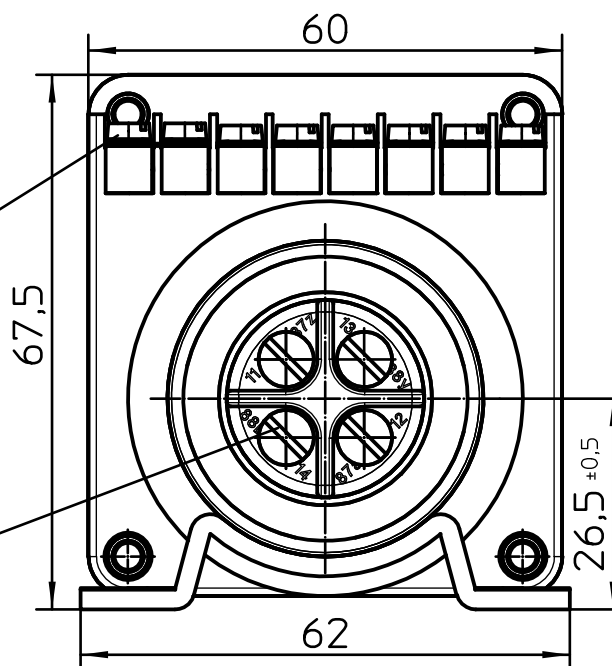
A= Pull in coil
H= Holding coil

M3x6

max. Torque 0,5-0,6Nm

M3,5x6 ISO 1580

max. Torque 1,1-1,2Nm



	Date	Name
Create	01.12.2020	Mielk
Edited	02.12.2020	Mielk
Check		



Scale

1:1

General Tolerances
DIN ISO 2768 cL



Drawing No:

26-56-93-906

NSN.:

TECHNICAL DATA

GENERAL CHARACTERISTICS

TEMPERATURE RANGE.....-35° C TO +70° C (-31° F TO +185° F)
SEAL INTERIOR.....IEC PUBLICATION 529; IP 67; 6 FT
TERMINALS.....IEC PUBLICATION 529; IP00
WEIGHT.....0,84 KG = 1.85 POUND
MIN. INSULATION RESISTANCE;INITIAL.....100 MEGOHMS
INSULATION RESISTANCE AFTER LIFE TEST AC.....50 MEGOHMS
DIELECTRIC WITHSTANDING VOLTAGE.....1050 VOLTS
MAX.CONTACT DROP INITIAL.....0,15 VOLTS
CONTACT DROP AFTER LIFE TEST.....0,175 VOLTS

ELECTRICAL CHARACTERISTICS

RELAY CHARACTERISTICS

DUTY RATING.....300 AMP CONTINUOUS
OVERLOAD.....3000 AMP FOR 1 SEC, 750 AMP FOR 20 SEC
RESISTIVE LOAD.....50 000 CYCLES WITH 300 AMP
MECHANICAL LIFE.....100 000 CYCLES 75 AMP

OPERATIONAL CHARACTERISTICS

VOLTAGE RANGE.....18-32 VDC
NOMINAL VOLTAGE.....28 VDC
MIN. OPERATIONAL VOLTAGE.....15 VDC
SPIKES.....70VDC FOR 50 MSEC
PULL IN CURRENT.....4 AMP FOR 25 MSEC
OPERATIONAL CURRENT.0,3 AMP
OVERCURRENT THRESHOLD 1.....520 AMP ± 5%
BLANKING 1 (T1).....25 SEC ±10%
OVERCURRENT THRESHOLD 2.....330 AMP ± 5%
BLANKING 2 (T2).....100 MSEC ±20%

OPERATION TIME

OPERATE25 MSEC
BOUNCE.....8 MSEC
RELEASE.....20 MSEC

AUXILIARY CONTACT

MAKE & BRAKE.....6A
CONTINUOUS CURRENT.....2A

CONTROL INPUT (INIT)

CONTROL SIGNAL.....ACTIVE LOW
CONTROL THRESHOLD.....2VDC ±0,5 VDC

STATUS OUTPUT

STATUS SIGNAL.....ACTIV LOW IMPEDANCE
OUTPUT CURRENT.....MAX. 0,2 AMP
RESIDUAL VOLTAGE.....MAX. 1 VDC

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	Date	Name	mm	Scale		Drawing No:
Create	01.12.2020	Mielk		1:1		26-56-93-906
Edited	02.12.2020	Mielk		General Tolerances		
Check				DIN ISO 2768 cL		NSN.: