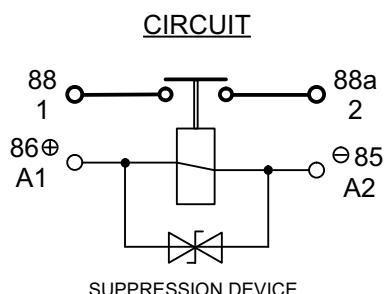
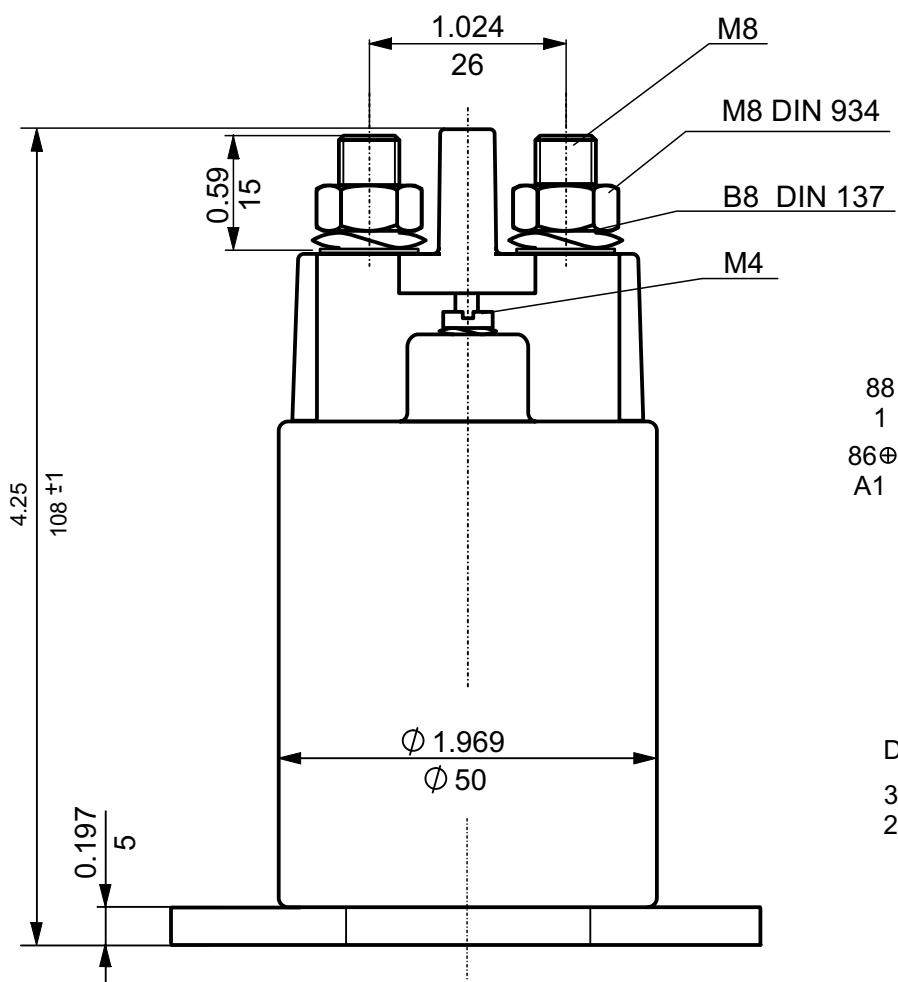
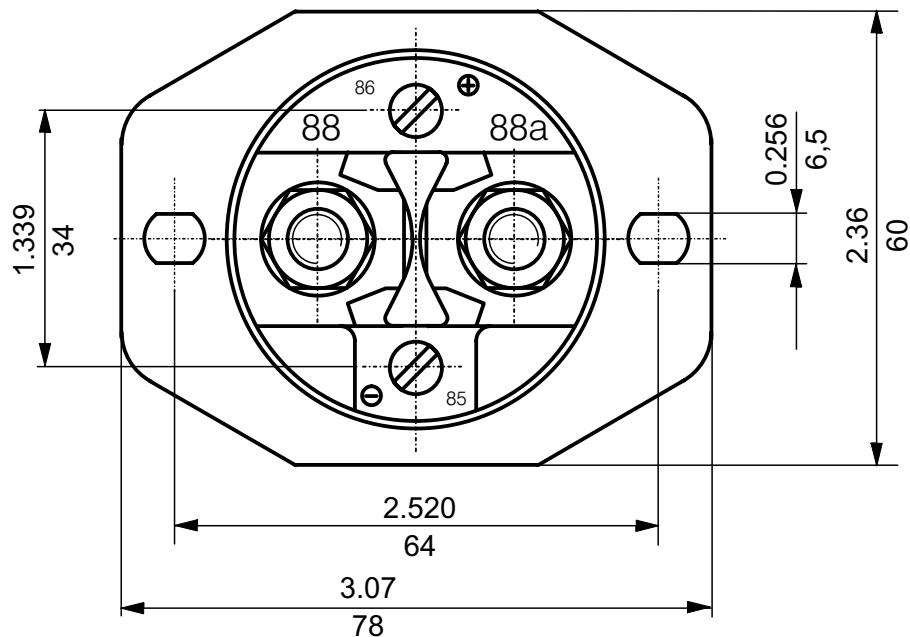


TÄ-Nr.

200AMP. POWER RELAY (28VDC)  
BOTTOM MOUNTING ENVIRONMENTALLY SEALED

Series 29

Page 1 of 2



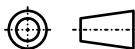
DIMENSIONAL TOLERANCES

3 PLACE DECIMAL  $\pm 0.010$

2 PLACE DECIMAL  $\pm 0.03$

ANGULAR  $\pm 0^{\circ}30'$

Third Angle Projection



ORDER-NO.

29.213.02 WITHOUT SUPPRESSION

29.213.12 WITH SUPPRESSION

1996	Date	Name	Inch mm	Scale 1:1	KUJUNG ELEKTROTECHNIK D-72218 Wildberg	Drawing No. ≈ Order No.
Design	27.06.	Bo				29.213.02
Check	27.06.	Grupp		General Tolerances DIN 7168 m ISO 2768		29.213.12
Appro						

TECHNICAL DATAENVIRONMENTAL CHARACTERISTICS

TEMPERATUR 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
VIBRATION .....	.4 G / 50 - 2000 HZ

ELECTRICAL CHARACTERISTICS

MIN. INSULATION 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 .....	1600 AMP FOR 1 SEC., 400 AMP FOR 20 SEC.
DUTY RATING .....	200 AMP CONTINUOUS

RATED CONTACT LOAD (28 VDC)

RESISTIVE LOAD .....	200 000 CYCLES WITH 200 AMP
INDUCTIVE LOAD .....	40 000 CYCLES WITH 50 AMP
MOTOR LOAD .....	200 000 CYCLES WITH 200 AMP
ENDURANCE .....	2 000 000 CYCLES

OPERATING CHARACTERISTICSCOIL 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 .....	62 OHMS ± 10%
COIL CURRENT APPROX. ....	0.4 AMP
COIL POWER APPROX. ....	10 WATT

TIME-MILLISECONDS-MAX.

OPERATE .....	40
BOUNCE .....	5
RELEASE .....	20

WEIGHT ..... 0.76 kg = 1.68 POUND MAX.

WIRE SECTION (AT NOMINAL LOAD) ..... MIN. 70 mm<sup>2</sup> / 0.109 sq. in. / AWG 00

MOUNTING POSITION ..... OPTIONAL

SUBJECT TO CHANGE

1996	Date	Name	Inch mm	Scale
Design	27.06.	Bo		
Check	27.06.	Grupp		General Tolerances
Appro				DIN 7168 m ISO 2768



Drawing No. ≡ Order No.

29.213.02

29.213.12