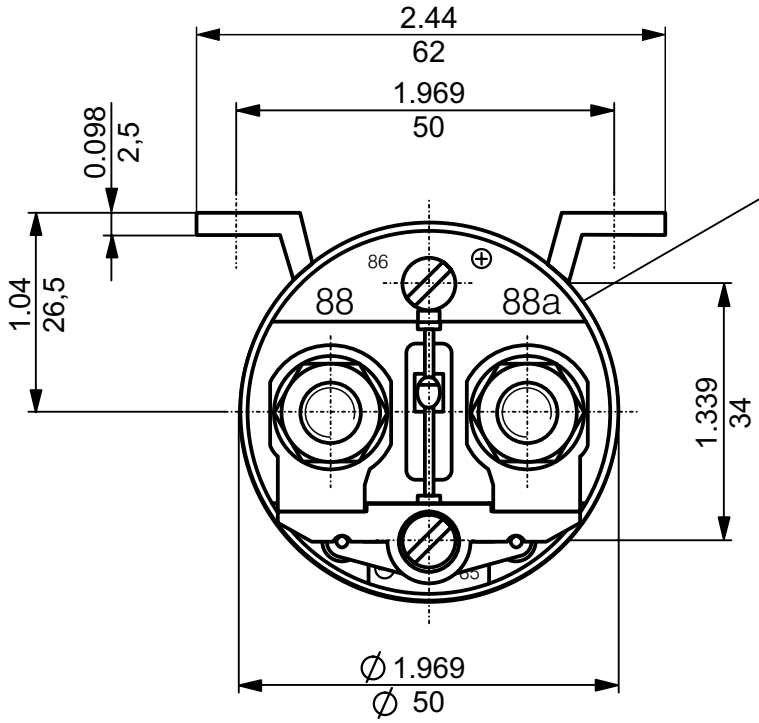
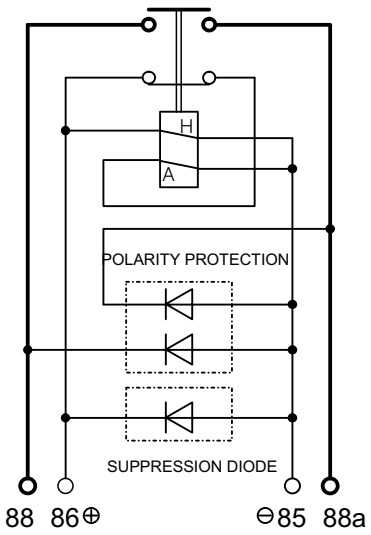
TÄ-Nr.			
		200 AMP. POWER RELAY (28 VDC) SIDE MOUNTING ENVIRONMENTALLY SEALED POLARITY PROTECTION SUPPRESSION DIODE	Wiring & Dimension Page 1 of 4

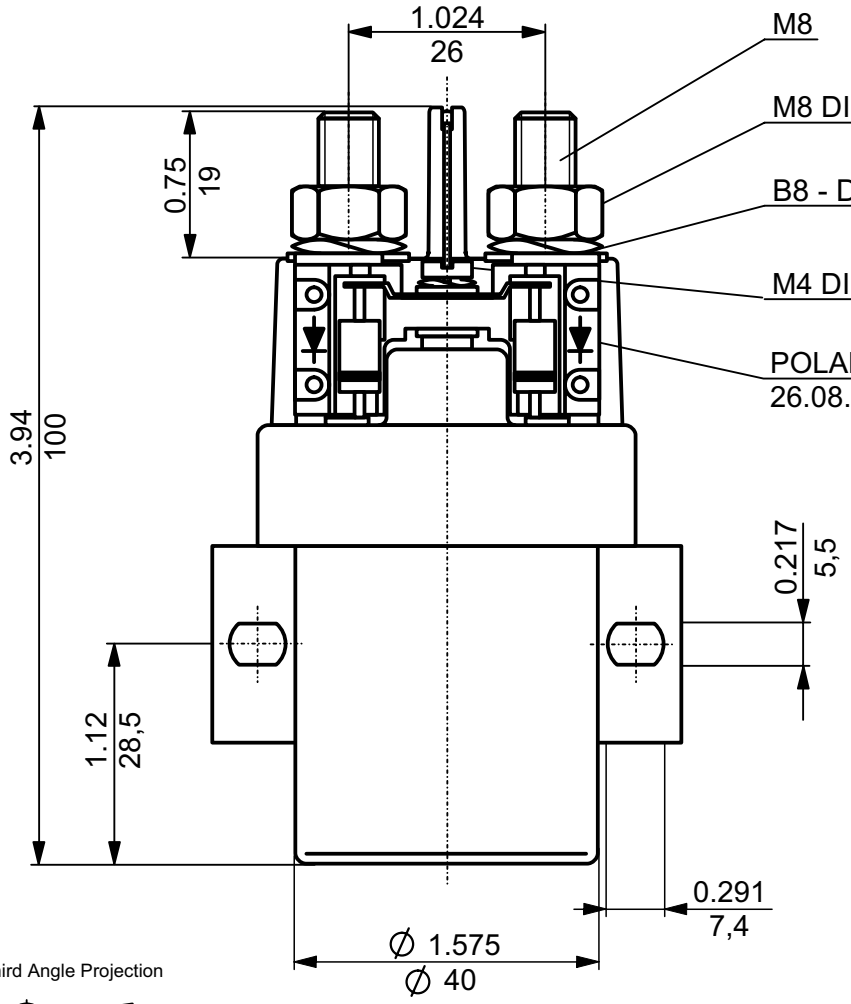


SUPPRESSION DIODE
26.08.50

CIRCUIT



H = HOLDING COIL
A = PULL IN COIL



M8

M8 DIN 934

B8 - DIN 137

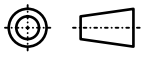
M4 DIN 84

POLARITY PROTECTION
26.08.51

DIMENSIONAL TOLERANCES

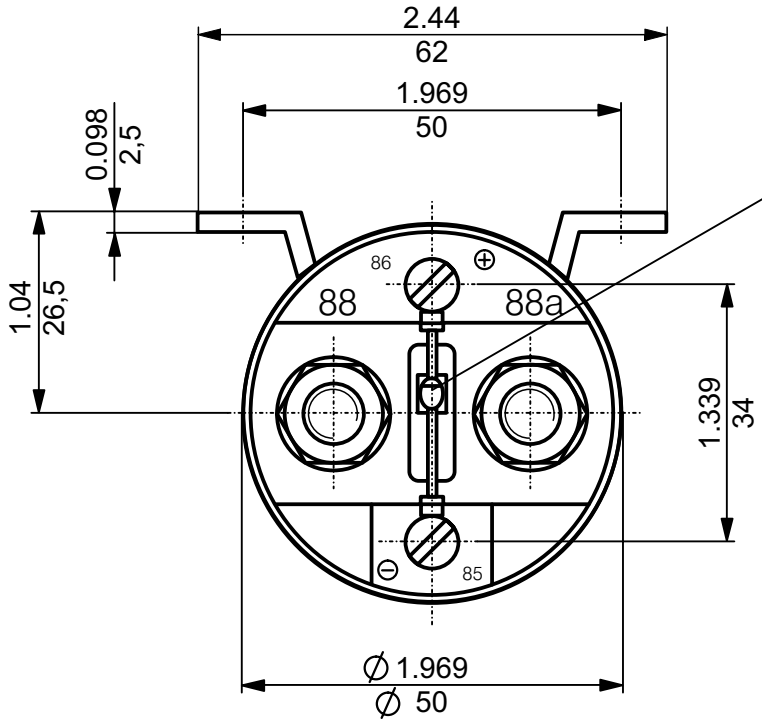
3 PLACE DECIMAL ± 0.010
2 PLACE DECIMAL ± 0.03
ANGULAR ± 0°30´

Third Angle Projection



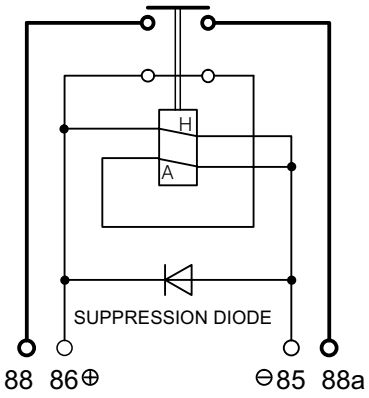
1994	Date	Name	Inch / mm	Scale 1:1	KOSTAL ELEKTROTECHNIK D-72218 Wildberg	Drawing No. ≙ Order No. 26.08.07
Design	21.09.	S.Paul				
Check	21.09.	Grupp	General Tolerances DIN 7168 m ISO 2768			
Appro						

TÄ-Nr.			
		200 AMP. POWER RELAY (28 VDC) SIDE MOUNTING ENVIRONMENTALLY SEALED SUPPRESSION DIODE	Wiring & Dimension Page 2 of 4

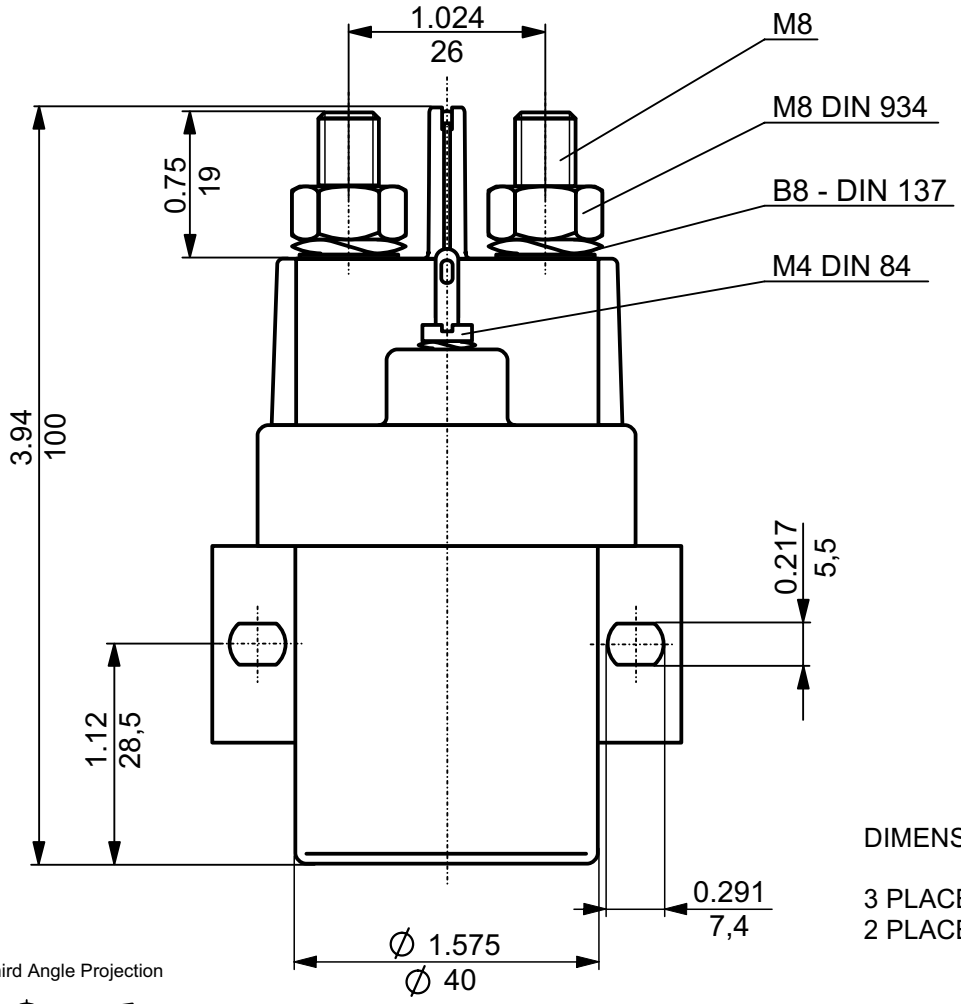


SUPPRESSION DIODE
26.08.50

CIRCUIT



H = HOLDING COIL
A = PULL IN COIL



DIMENSIONAL TOLERANCES

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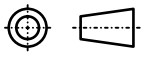
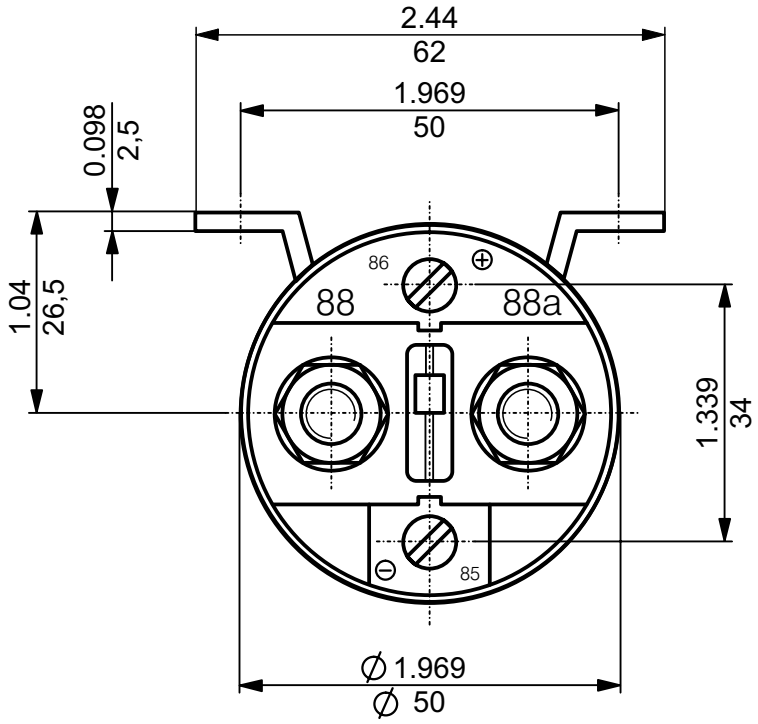
ANGULAR ± 0°30´

Third Angle Projection

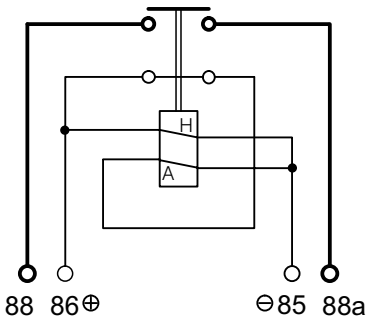


1994	Date	Name	Inch / mm	Scale 1:1	KÖSTLING ELEKTROTECHNIK D-72218 Wildberg	Drawing No. ≙ Order No. 26.08.08
Design	21.09.	S.Paul				
Check	21.09.	Grupp	General Tolerances DIN 7168 m ISO 2768			
Appro						

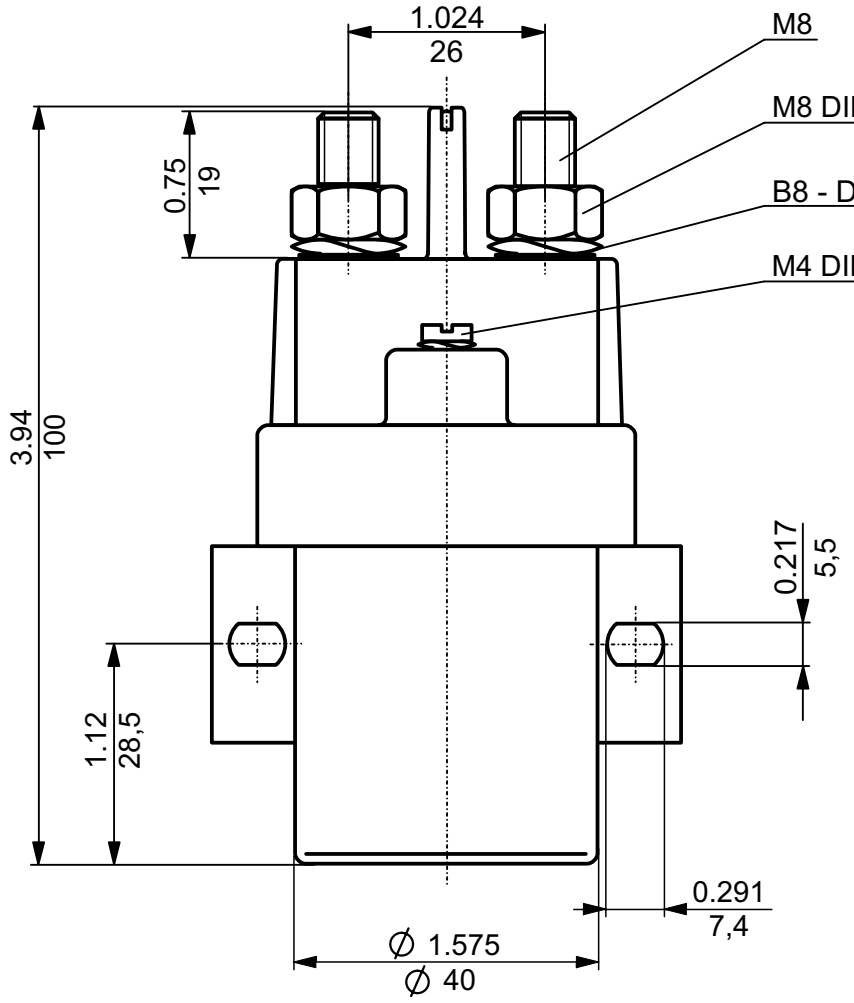
TÄ-Nr.			
		200 AMP. POWER RELAY (28 VDC) SIDE MOUNTING ENVIRONMENTALLY SEALED	Wiring & Dimension Page 3 of 4



CIRCUIT



H = HOLDING COIL
A = PULL IN COIL



DIMENSIONAL TOLERANCES

3 PLACE DECIMAL ± 0.010
2 PLACE DECIMAL ± 0.03
ANGULAR ± 0°30´

1994	Date	Name	Inch / mm	Scale		Drawing No. ≙ Order No.
Design	21.09.	S.Paul		1:1	KÜSTING ELEKTROTECHNIK D-72218 Wildberg	26.08.09
Check	21.09.	Grupp	General Tolerances DIN 7168 m ISO 2768			
Appro						

MEETS THE REQUIREMENTS OF MIL-R-6106

ENVIRONMENTAL CHARACTERISTICS

TEMPERATUR RANGE ..... -55° C TO +130° C (-67° F TO +266° F)
MAX. ALTITUDE RATING ..... 50 000 FT
SEAL ..... IEC PUBLICATION 529; IP 67; 6 FT
SHOCK G-LEVEL ..... MIL-STD-202, TEST METHOD 213, HALF SINE = 18 MSEC / 30 G
VIBRATION ..... MIL-STD-202, TEST METHOD 213, TEST CONDITION C = 10 G
ACCELERATION ..... 15 G

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 ..... 1 600 AMP
RUPTURE CURRENT ..... 2 000 AMP
DUTY RATING ..... 200 AMP CONTINUOUS

RATED CONTACT LOAD (28 VDC)

MAIN CONTACT

RESISTIVE LOAD ..... 50 000 CYCLES WITH 200 AMP
INDUCTIVE LOAD ..... 10 000 CYCLES WITH 100 AMP
MOTOR LOAD ..... 50 000 CYCLES WITH 200 AMP
MECHANICAL LIFE ..... 100 000 CYCLES WITH 50 AMP

AUXILIARY CONTACT

CONTINOUS CURRENT ..... 2 AMP
MAKE AND BREAK ..... 6 AMP

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE ..... 18 - 32 VDC
NOMINAL VOLTAGE ..... 28 VDC
PICK UP VOLTAGE MAX. ..... 18 VDC FULL TEMP. RANGE
RESISTANCE PULL IN COIL ..... 5.2 OHMS ± 20%
PULL IN CURRENT MAX. ..... 4 AMP FOR 20 MILLISECONDS
RESISTANCE HOLDING COIL ..... 120 OHMS ± 10%
HOLDING CURRENT MAX. ..... 0.30 AMP
DROP OUT VOLTAGE ..... ≤ 6 VDC FULL TEMP. RANGE

TIME-MILLISECONDS-MAX.

OPERATE 25
RELEASE
WITH SUPPRESSION DIODE 80
WITHOUT SUPPRESSION DIODE 15
BOUNCE 5

WEIGHT ..... 0.6 kg = 1.32 POUND MAX.

WIRE SECTION (AT NOMINAL LOAD) ..... MIN. 70 mm² / 0.109 sq. in. / AWG 00

SUBJECT TO CHANGE