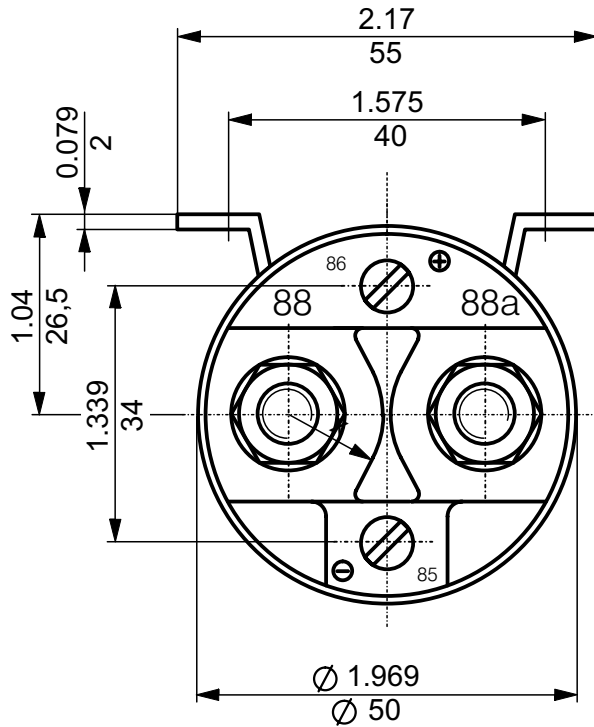
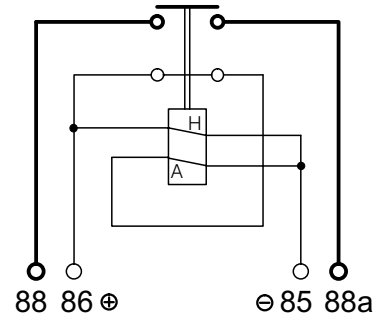


**200 AMP POWER RELAY (28 VDC)**  
 SHORT FORM SIDE MOUNTING ENVIRONMENTALLY SEALED

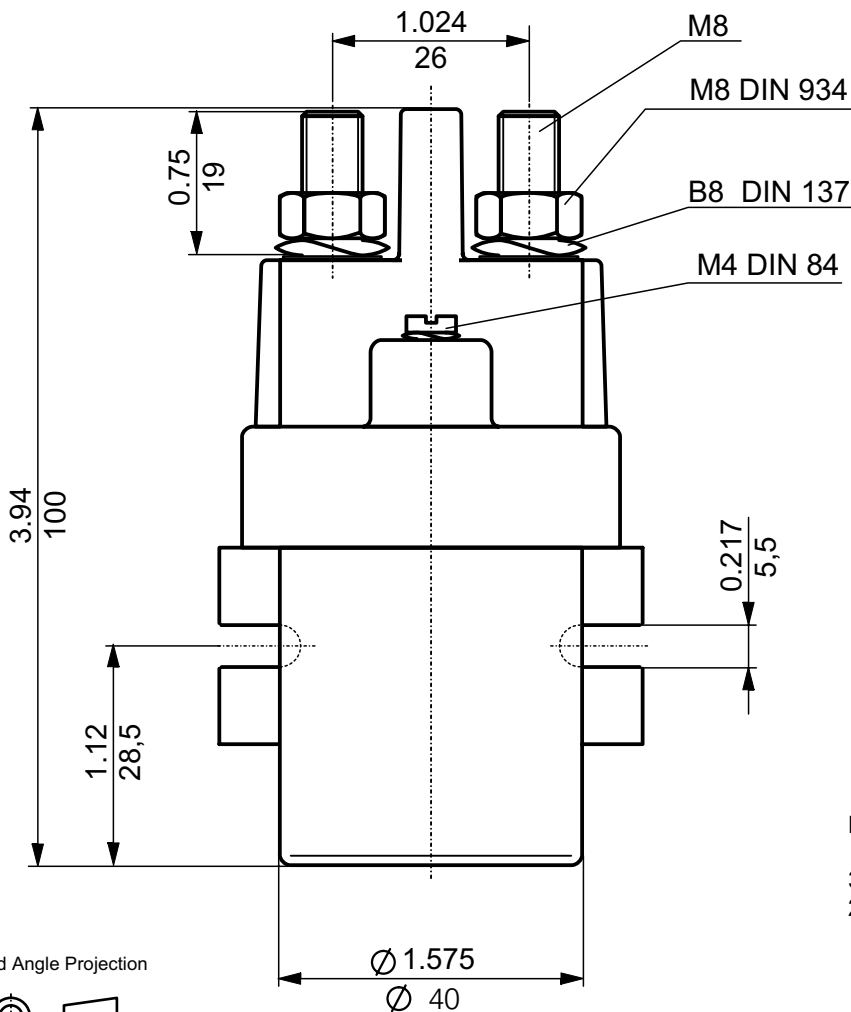


**CIRCUIT**



H = HOLDING COIL  
 A = PULL IN COIL

$$X = \frac{0.492}{12,5}$$



**DIMENSIONAL TOLERANCES**

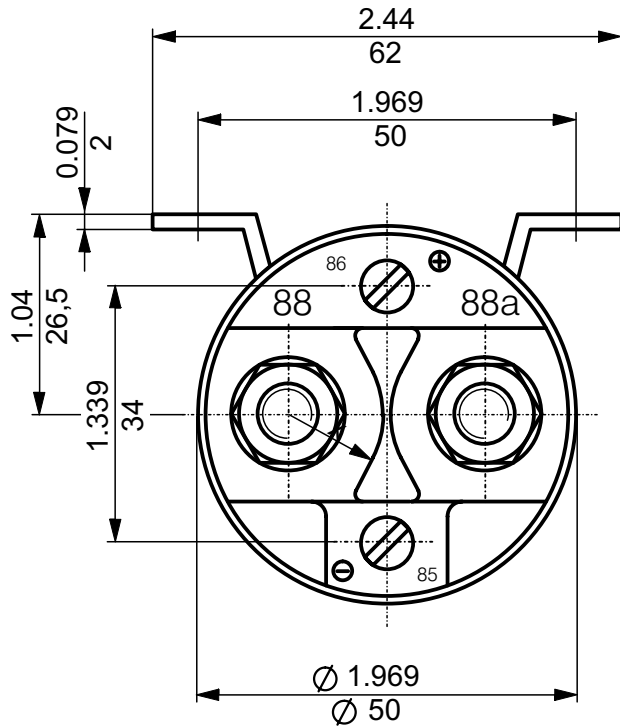
3 PLEACE DECIMAL  $\pm 0.010$   
 2 PLEACE DECIMAL  $\pm 0.03$   
 ANGULAR  $\pm 0^{\circ}30$

Third Angle Projection

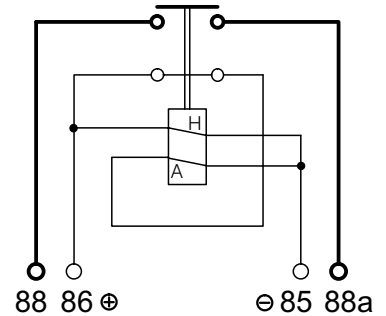


1994	Date	Name	Inch mm	Scale 1:1	 <b>ELEKTROTECHNIK</b> D-72218 Wildberg	Drawing No. $\hat{=}$ Order No. <b>26.59.08</b>
Design	22.09.	S.Paul				
Check	22.09.	Grupp	General Tolerances DIN 7168 m ISO 2768			
Appro						

**200 AMP POWER RELAY (28 VDC)**  
 STANDARD SIDE MOUNTING ENVIRONMENTALLY SEALED

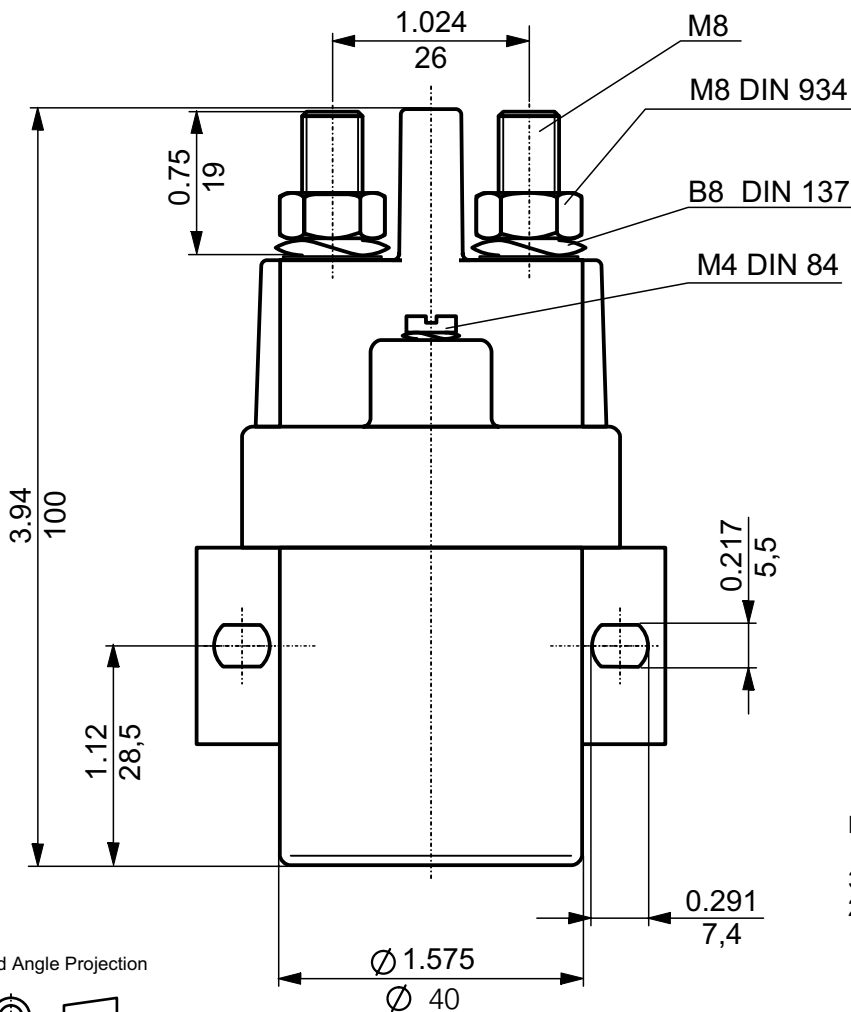


**CIRCUIT**



H = HOLDING COIL  
 A = PULL IN COIL

$$X = \frac{0.492}{12,5}$$



**DIMENSIONAL TOLERANCES**

3 PLEACE DECIMAL  $\pm 0.010$   
 2 PLEACE DECIMAL  $\pm 0.03$   
 ANGULAR  $\pm 0^{\circ}30$

Third Angle Projection



1994	Date	Name	Inch mm	Scale 1:1	 <b>ELEKTROTECHNIK</b> D-72218 Wildberg	Drawing No. $\hat{=}$ Order No. <b>26.59.09</b>
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ENVIRONMENTAL CHARACTERISTICS

TEMPERATUR RANGE ..... -40° C TO +85° C (-40° F TO +185° F)  
 MAX. ALTITUDE RATING ..... 50 000 FT  
 SEAL ..... IEC PUBLICATION 529; IP 67; 6 FT  
 SHOCK G-LEVEL ..... 6G / 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 ..... 2 000 AMP FOR 1 SEC. , 500 AMP FOR 20 SEC.  
 DUTY RATING ..... 200 AMP CONTINUOUS

RATED CONTACT LOAD (28 VDC)

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

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 ..... 30  
 BOUNCE ..... 5  
 RELEASE ..... 20

WEIGHT ..... 0.60kg = 1.32 POUND MAX. 0.63 kg = 1.39 POUND MAX.

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

SUBJECT TO CHANGE

1994	Date	Name	$\leftarrow$ Inch $\rightarrow$ mm	Scale	 <b>ELEKTROTECHNIK</b> D-72218 Wildberg	Drawing No. $\approx$ Order No.	<b>26.59.08</b> <b>26.59.09</b>	
Design	22.09.	S.Paul	General Tolerances DIN 7168 m ISO 2768			D-72218 Wildberg		
Check	22.09.	Grupp						
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