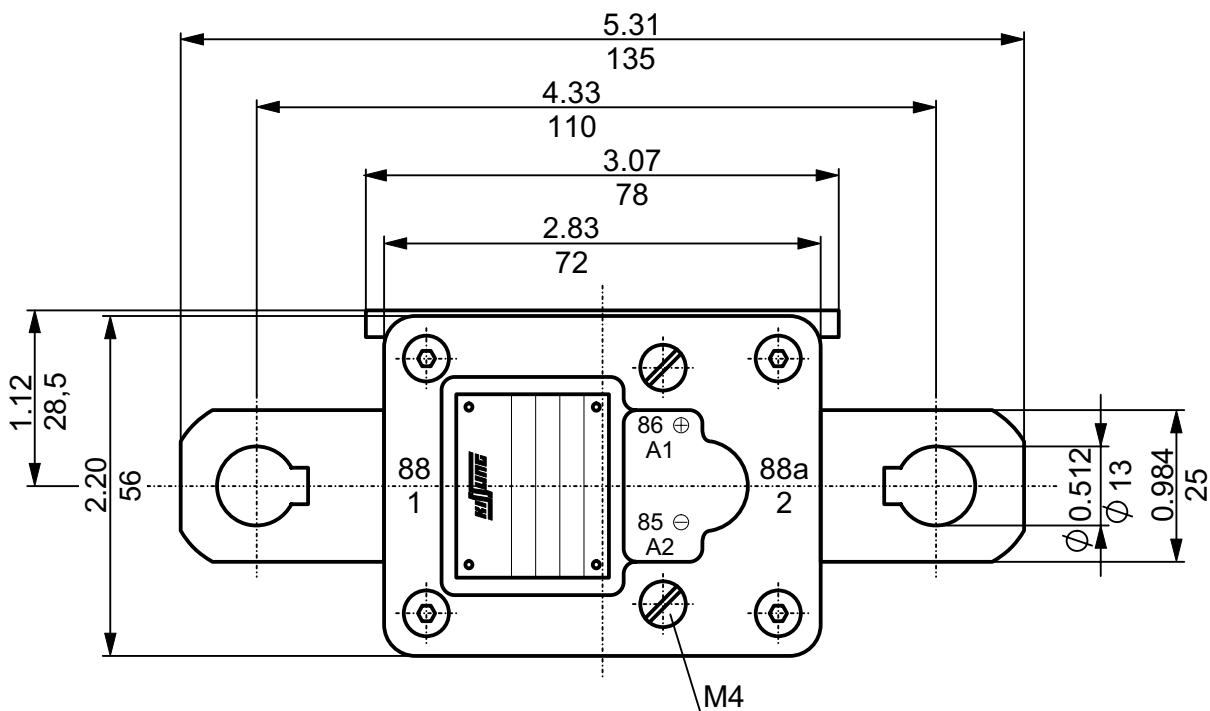
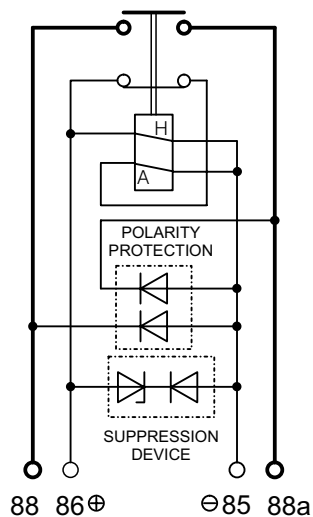


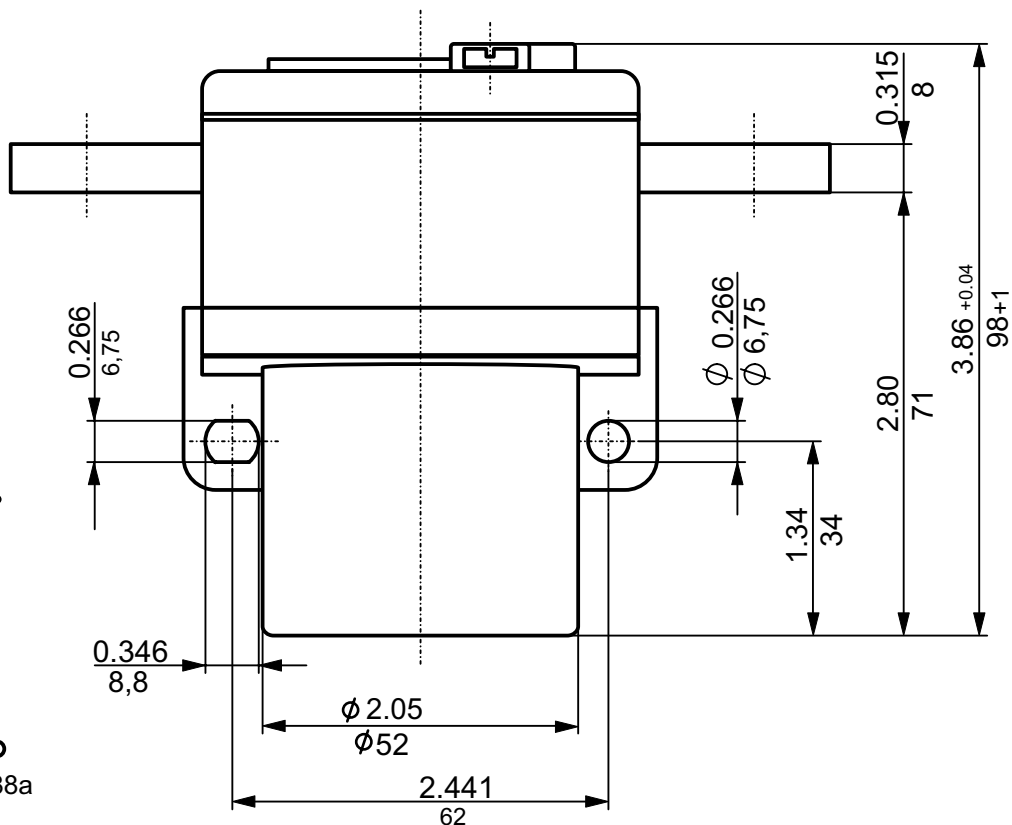
500 AMP POWER RELAY (28 VDC)
 SIDE MOUNTING ENVIRONMENTALLY SEALED
 POLARITY PROTECTION SUPPRESSION DEVICE



CIRCUIT



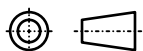
H = HOLDING COIL
 A = PULL IN COIL



DIMENSIONAL TOLERANCES

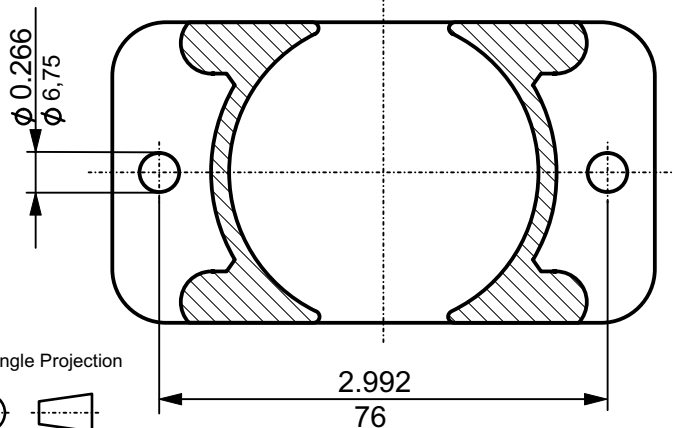
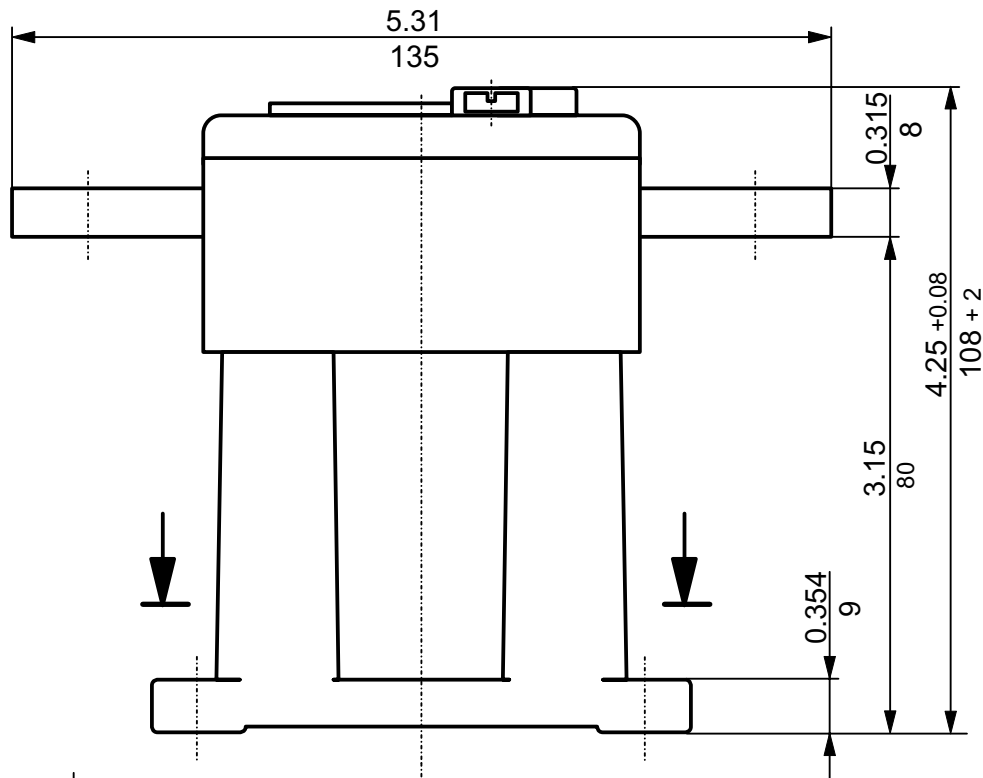
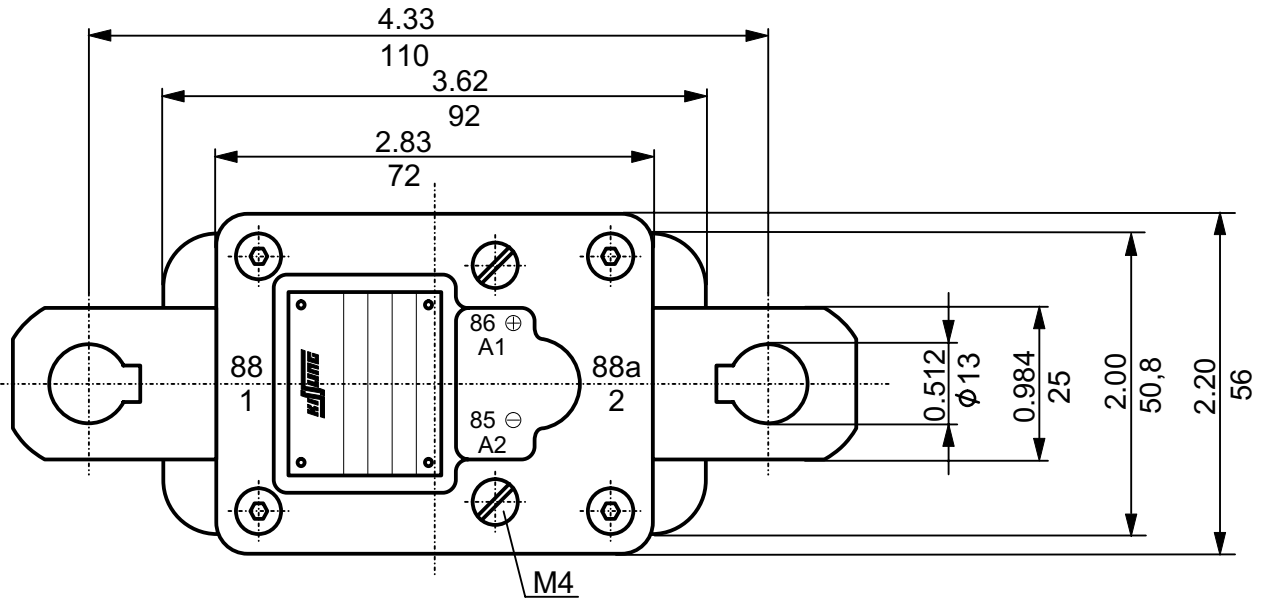
3 PLACE DECIMAL ± 0.010
 2 PLACE DECIMAL ± 0.03
 ANGULAR $\pm 0^\circ 30'$

Third Angle Projection

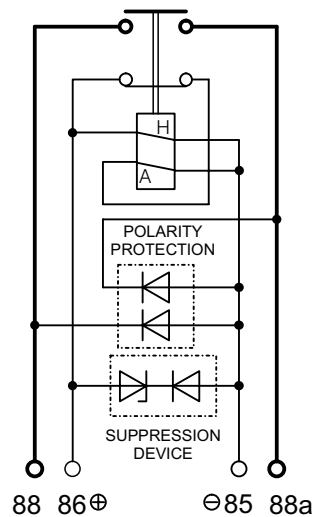


1997	Date	Name	<div>←Inch mm→</div>	Scale /	<div> ELEKTROTECHNIK D-72218 Wildberg</div>	Drawing No. ≙ Order No.
Design	25.02.	Bo.				
Check	25.02.	Grupp	General Tolerances			26.05.01
Appro			DIN 7168 m ISO 2768			

500 AMP POWER RELAY (28VDC)
 2 - HOLE BOTTOM MOUNTING ENVIRONMENTALLY SEALED
 POLARITY PROTECTION SUPPRESSION DEVICE



Third Angle Projection

**CIRCUIT**

H = HOLDING COIL
 A = PULL IN COIL

DIMENSIONAL TOLERANCES

3 PLACE DECIMAL ± 0.010
 2 PLACE DECIMAL ± 0.03
 ANGULAR $\pm 0^{\circ}30'$

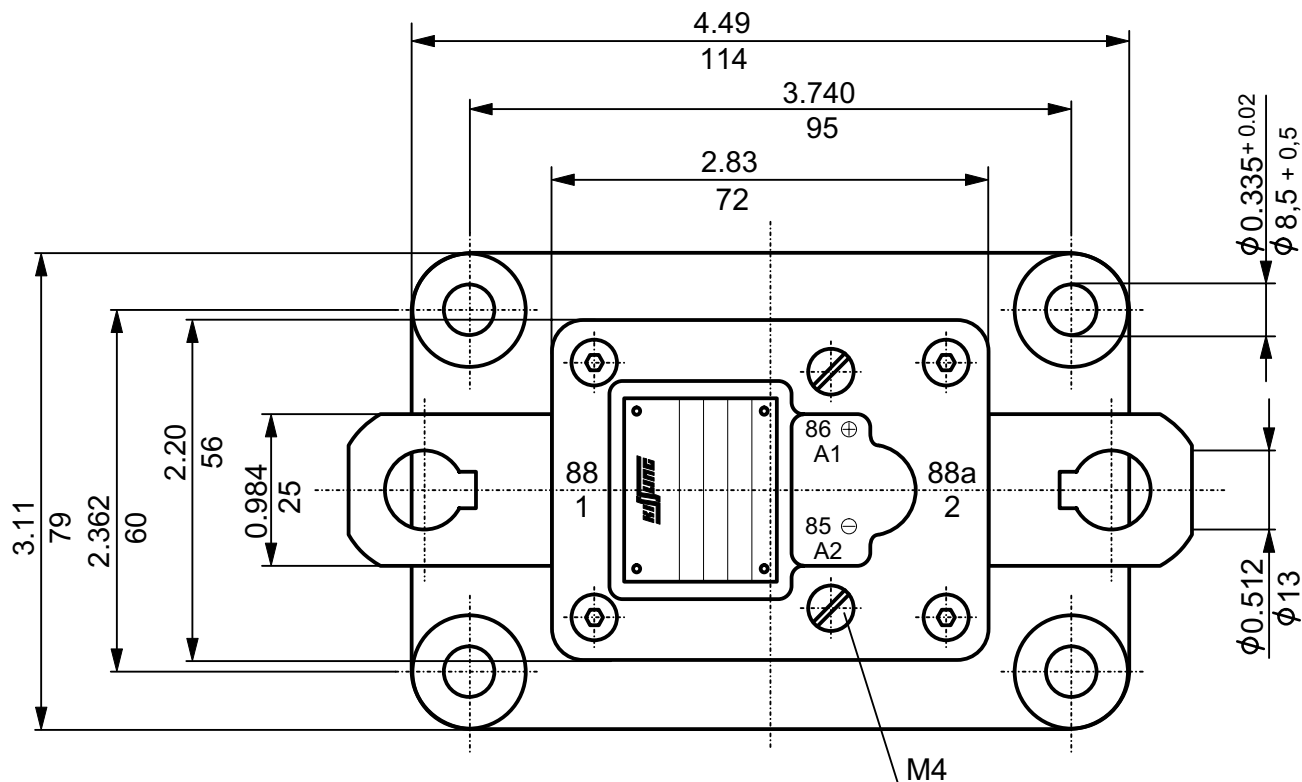
1997	Date	Name	Inch mm	Scale /
Design	25.02.	Bo.		
Check	25.02.	Grupp	General Tolerances	
Appro			DIN 7168 m ISO 2768	

ELEKTROTECHNIK
 D-72218 Wildberg

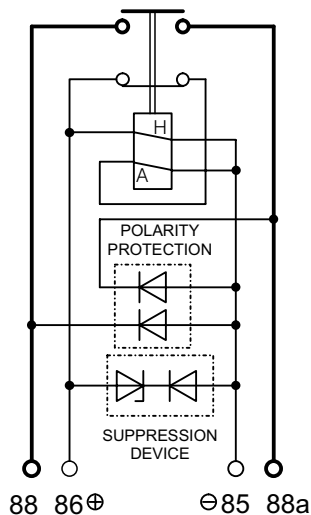
Drawing No. ≙ Order No.

26.05.11

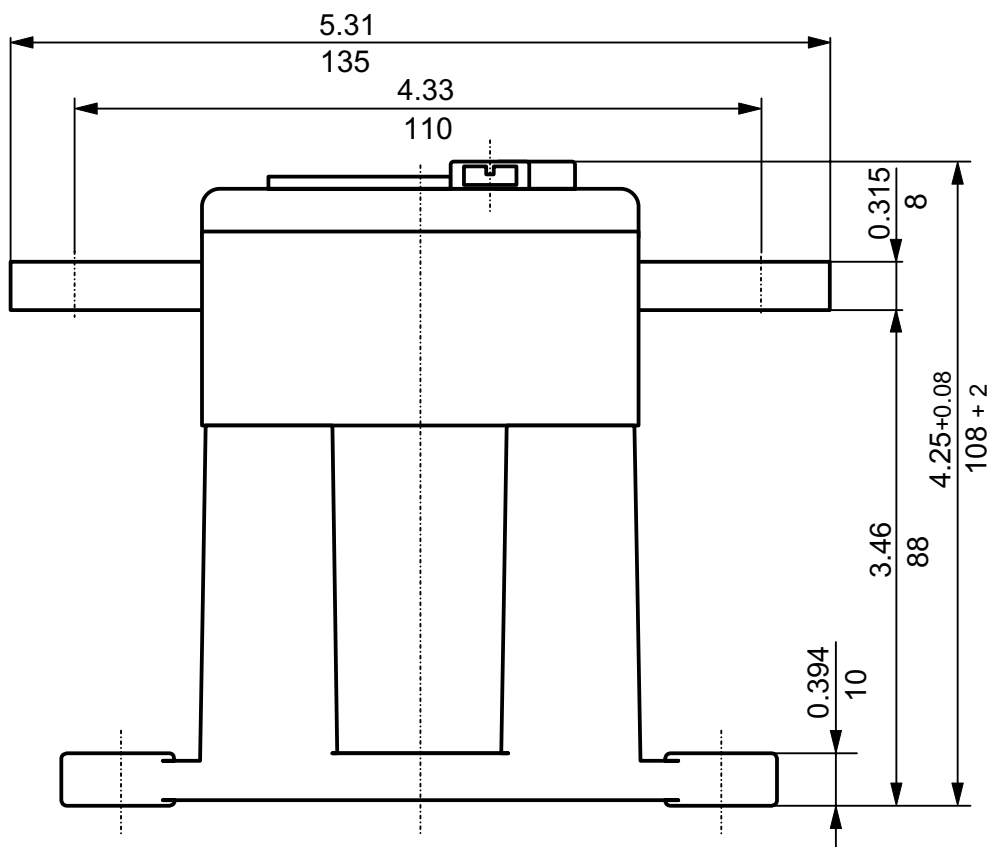
500 AMP POWER RELAY (28 VDC)
 4 - HOLE BOTTOM MOUNTING ENVIRONMENTALLY SEALED
 POLARITY PROTECTION SUPPRESSION DEVICE



CIRCUIT



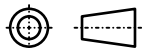
H = HOLDING COIL
 A = PULL IN COIL



DIMENSIONAL TOLERANCES

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

Third Angle Projection



1997	Date	Name	<div>←Inch mm→</div>	Scale /	<div> ELEKTROTECHNIK D-72218 Wildberg</div>	Drawing No. ≙ Order No.
Design	25.02.	Bo.				
Check	25.02.	Grupp	General Tolerances			26.05.21
Appro			DIN 7168 m ISO 2768			

TÄ-Nr.			500 AMP POWER RELAY (28VDC) SIDE & BOTTOM MOUNTING ENVIRONMENTALLY SEALED POLARITY PROTECTION SUPPRESSION DEVICE		Specification Page 4 of 4	

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 = 1 1 MSEC / 30 G
 VIBRATION ENERGIZEDMIL-STD-202, TEST CONDITION D = 20 G
 DE - ENERGIZED 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 4 000 AMP
 RUPTURE CURRENT 5 000 AMP
 DUTY RATING 500 AMP CONTINUOUS

RATED CONTACT LOAD (28 VDC)
 RESISTIVE LOAD 50 000 CYCLES WITH 500 AMP
 INDUCTIVE LOAD 10 000 CYCLES WITH 125 AMP
 MOTOR LOAD 50 000 CYCLES WITH 500 AMP
 MECHANICAL LIFE 100 000 CYCLES WITH 125 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 2.8 OHMS ± 20%
 PULL IN CURRENT MAX. 8 AMP FOR 30 MILLISECONDS
 RESISTANCE HOLDING COIL 82 OHMS ± 10%
 HOLDING CURRENT MAX. 0.40 AMP
 DROP OUT VOLTAGE ≤ 7 VDC FULL TEMP. RANGE

TIME-MILLISECONDS-MAX.
 OPERATE 25
 RELEASE20
 BOUNCE 3,5

WEIGHT
 TYPE 26.05.01 1.2 kg = 2.7 POUND MAX.
 TYPE 26.05.11 1.25 kg = 2.8 POUND MAX.
 TYPE 26.05.21 1.3 kg = 2.9 POUND MAX.

WIRE SECTION (AT NOMINAL LOAD) MIN. 240 mm² / 0.372 sq. in. / MCM 500

SUBJECT TO CHANGE

1997	Date	Name	Inch mm	Scale	 ELEKTROTECHNIK D-72218 Wildberg	Drawing No. ≙ Order No.		
Design	25.02.	Bo.					26.05.01	
Check	25.02.	Grupp	General Tolerances				26.05.11	
Appro			DIN 7168 m ISO 2768				26.05.21	