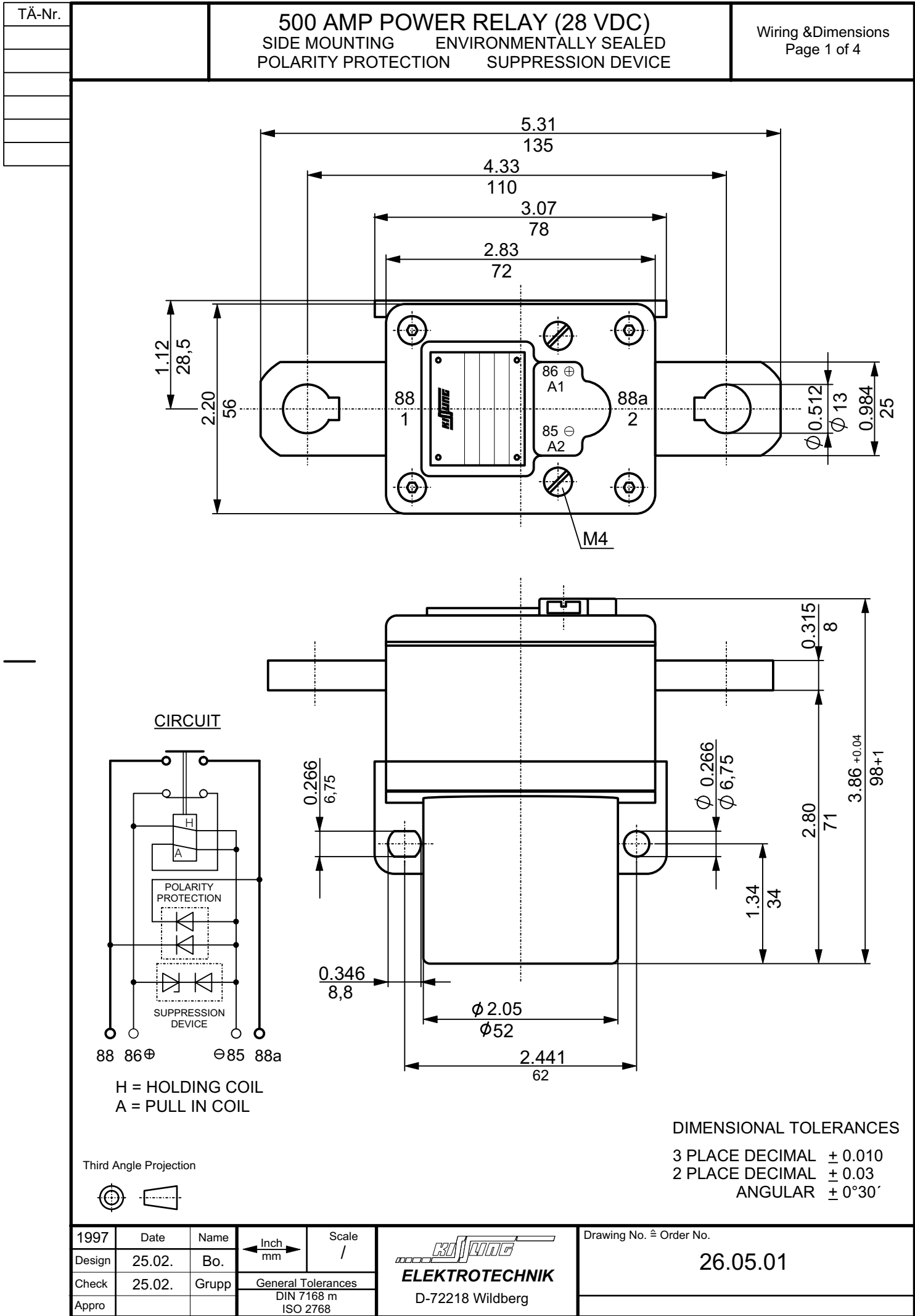
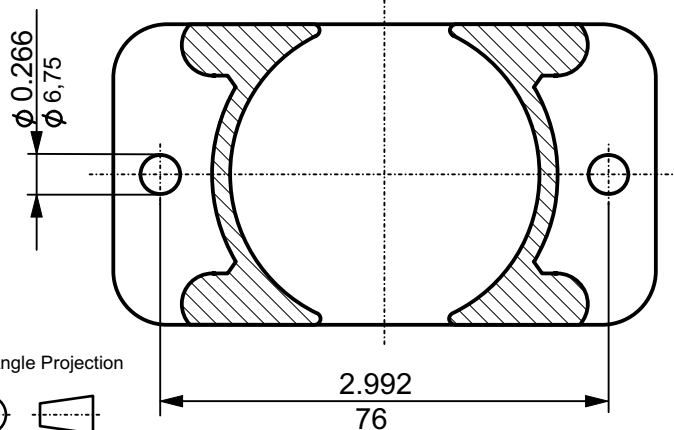
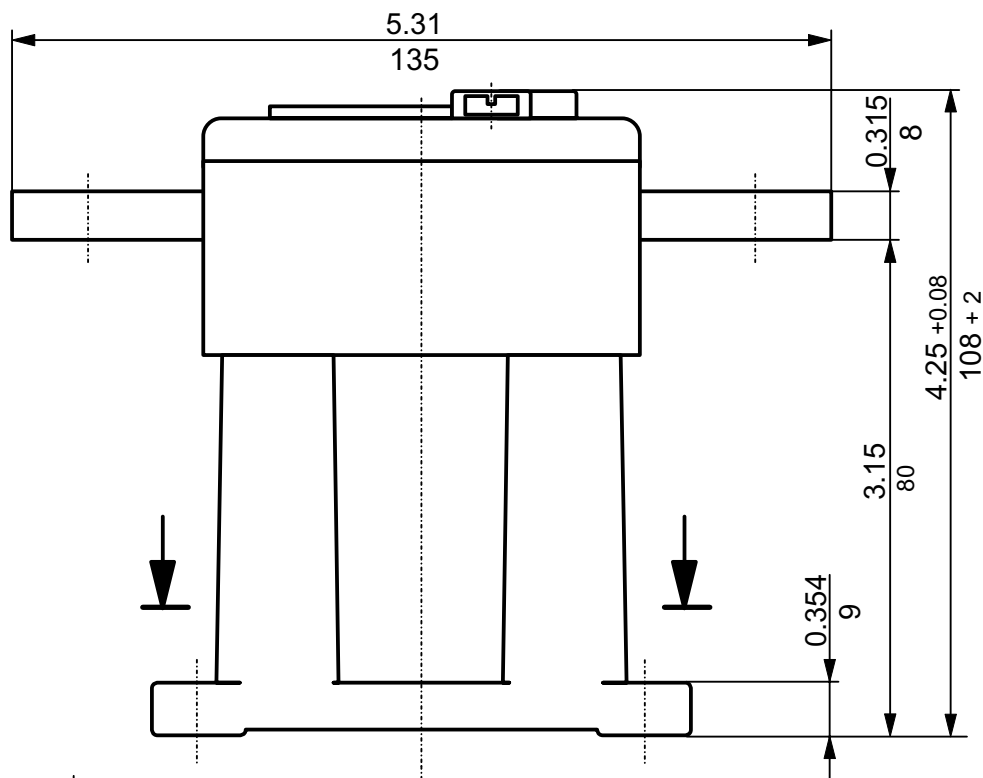
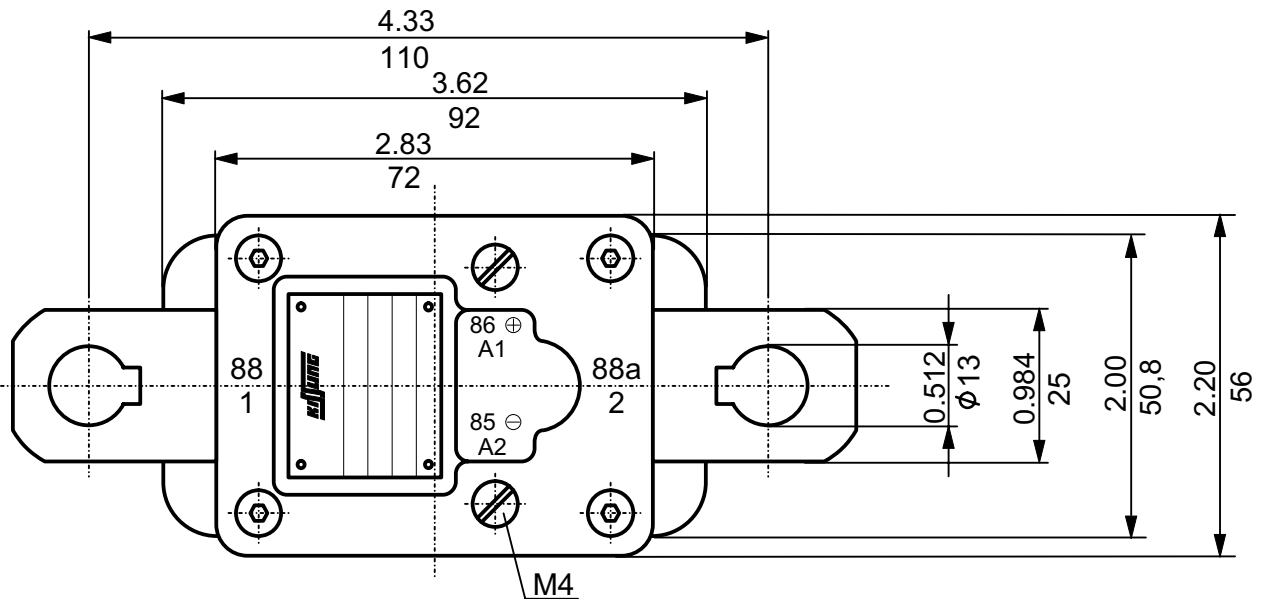
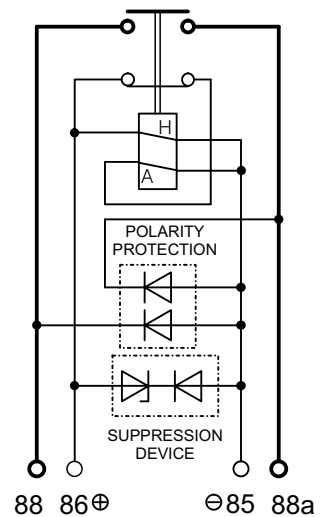




500 AMP POWER RELAY (28VDC)
 2 - HOLE BOTTOM MOUNTING ENVIRONMENTALLY SEALED
 POLARITY PROTECTION SUPPRESSION DEVICE



Third Angle Projection

**CIRCUIT**

H = HOLDING COIL
 A = PULL IN COIL

DIMENSIONAL TOLERANCES

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

26.05.21

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 ENERGIZED MIL-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 RELEASE 20 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	Drawing No. ≙ Order No. 26.05.01 26.05.11 26.05.21
Design	25.02.	Bo.			
Check	25.02.	Grupp	General Tolerances		
Appro			DIN 7168 m ISO 2768		
			 ELEKTROTECHNIK D-72218 Wildberg		