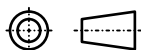


DIMENSIONAL TOLERANCES


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

ORDER-NO.
26.55.21 WITH SUPPRESSION
26.55.22 WITHOUT SUPPRESSION

Third Angle Projection



1995	Date	Name		Scale	 ELEKTROTECHNIK D-72218 Wildberg	Drawing No. ≙ Order No.
Design	05.12.	Bo.		1:1		26.55.21
Check	05.12.	Grupp	General Tolerances			26.55.22
Appro			DIN 7168 m ISO 2768			

TÄ-Nr.		300 AMP. POWER RELAY (12 VDC) LIGH WEIGHT ENVIRONMENTALLY SEALED SIDE MOUNTING BRACKET INSERTS STUD TERMINAL	Specification Page 2 of 2			
MEETS THE REQUIREMENTS OF MIL-R-6106						
<u>ENVIRONMENTAL CHARACTERISTICS</u> TEMPERATUR RANGE -55° C TO +74° C (-67° F TO +165° F) MAX. ALTITUDE RATING 50 000 FT SEAL IEC PUBLICATION 529; IP68; 6 FT SHOCK G-LEVELMIL-STD-202; TEST METHOD 213; TEST CONDITION J HALF-SINE 11 MSEC / 30 G VIBRATIONMIL-STD-202; TEST METHOD 204; TEST CONDITION C = 10 G ACCELERATION 15 G						
<u>ELECTRICAL CHARACTERISTICS</u> MIN. INSULATION RESISTANCE; INITIAL 100 MEGOHMS INSULATION RESISTANCE AFTER LIFE TEST 50 MEGOHMS DIELECTRIC WITHSTANDING VOLTAGE SEA-LEVEL 1 MINUTE1 050 VOLTS ALTITUDE 1 MINUTE 500 VOLTS						
<u>MAIN CONTACT</u> MAX. CONTACT DROP INITIAL 0.15 VOLTS CONTACT DROP AFTER LIFE TEST0.175 VOLTS CONTINOUSE CURRENT (NOMINAL LOAD)300 AMP OVERLOAD 2 400 AMP FOR 1 SEC, 900 AMP FOR 10 SEC, 600 AMP FOR 40 SEC RUPTURE3 000 AMP						
<u>RATED CONTACT LOAD</u> RESISTIVE LOAD 50 000 CYCLES WITH 300 AMP INDUCTIVE LOAD 10 000 CYCLES WITH 150 AMP MOTOR LOAD 50 000 CYCLES WITH 300 AMP MECHANICAL LIFE 100 000 CYCLES WITH 75 AMP						
<u>OPERATING CHARACTERISTICS</u> <u>COIL DATA</u> VOLTAGE RANGE10 - 15 VDC NOMINAL VOLTAGE 12 VDC PICK UP VOLTAGE MAX. 10 VDC FULL TEMP. RANGE DROP OUT VOLTAGE MAX. ≤ 4 VDC FULL TEMP. RANGE RESISTANCE PULL IN COIL 1.4 OHMS ± 20% PULL IN CURRENT MAX. 12 AMP FOR 20 MILLISECONDS RESISTANCE HOLDING COIL 40 OHMS ± 10% HOLDING CURRENT MAX. 0.35 AMP						
<u>TIME - MILLISECONDS-MAX.</u> OPERATE 20 RELEASE WITH SUPPRESSION DIODE 80 WITHOUT SUPPRESSION DIODE 15 BOUNCE 5						
<u>WEIGHT</u>0.39 KG = 0.86 POUND						
<u>WIRE SECTION</u> (AT NOMINAL LOAD 95 mm² / AWG 000 = 0.132 sq. inch						
SUBJECT TO CHANGE						
1995	Date	Name	Inch mm	Scale	 ELEKTROTECHNIK D-72218 Wildberg	Drawing No. ≙ Order No.
Design	05.12.	Bo.				26.55.21
Check	05.12.	Grupp	General Tolerances			26.55.22
Appro			DIN 7168 m ISO 2768			