TÄ-Nr. 300 AMP. POWER RELAY (28 VDC) Wiring & Dimensions STANDARD SIDE MOUNTING LIGHT WEIGHT Page 1 of 2 **ENVIRONMENTALLY SEALED** 1.81 0.079 46 Circuit 7 NK 88 86⊕ ⊖85 88a A = Pull in coil H = Holding coil 1.969 50 COIL SUPPRESSION 1.024 26 M8 10.33 B8 - DIN 137 M4 x 6 - DIN 84 2.36 3.28 0.25 **DIMENSIONAL TOLERANCES** 0.866 3 PLACE DECIMAL + 0.010 2 PLACE DECIMAL ± 0.03 ANGULAR ± 0°30' ORDER - NO. 1.260 32 Third Angle Projection 26.57.01 WITH COIL SUPPRESSION 1.378 26.57.02 WITHOUT COIL SUPPRESSION 35

	1993	Date	Name	Inch	Scale					
	Design	04.11.	Jask.	mm	1:1					
	Check	04.11.	Grupp	General Tolerances		l				
1	A			DIN 7168 m						
	Appro			ISO 2768						

ELEKTROTECHNIK
D-72218 Wildberg

Drawing No. <sup>≙</sup> Order No. 26.57.01 26.57.02

TÄ-Nr.

## 300 AMP. POWER RELAY (28 VDC) SIDE MOUNTING LIGHT WEIGHT ENVIRONMENTALLY SEALED

Specification

Page 2 of 2

ENVIRONMENTAL CHARACTERISTICS	
TEMPERATUR RANGE	·
MAX. ALTITUDE RATING	
SEAL	
SHOCK G-LEVELMIL-STD-202; TEST METHOD 2	
VIBRATIONMIL-STD-2	02; TEST METHOD 204; TEST CONDITION C = 10
ACCELERATION	
ELECTRICAL CHARACTERISTICS	
MIN. INSULATION RESISTANCE; INITIAL	100 MEGOHN
INSULATION RESISTANCE AFTER LIFE TEST	50 MEGOHN
SEA-LEVEL 1 MINUT	E1 050 VOL
DIELECTRIC WITHSTANDING VOLTAGE ALTITUDE 1 MINUTE	500 VOL
MAIN CONTACT	
MAX. CONTACT DROP INITIAL	0.15 VOL
CONTACT DROP AFTER LIFE TEST	
CONTINOUSE CURRENT (NOMINAL LOAD)	300 AN
OVERLOAD2 400 AMP FOR 1	SEC, 900 AMP FOR 10 SEC, 600 AMP FOR 40 SE
RUPTURE	3 000 AN
RATED CONTACT LOAD (28 VDC)	
RESISTIVE LOAD	50 000 CYCLES WITH 300 AM
INDUCTIVE LOAD	10 000 CYCLES WITH 150 AM
MOTOR LOAD	50 000 CYCLES WITH 300 AM
MECHANICAL LIFE	100 000 CYCLES WITH 75 AM
OPERATING CHARACTERISTICS	
COIL DATA	
VOLTAGE RANGE	18 - 32 VI
NOMINAL VOLTAGE	28 VI
PICK UP VOLTAGE MAX	18 VDC FULL TEMP. RANC
DROP OUT VOLTAGE MAX	≤ 6 VDC FULL TEMP. RANG
RESISTANCE PULL IN COIL	3.6 OHMS <u>+</u> 20
PULL IN CURRENT MAX	6 AMP FOR 20 MILLISECONE
RESISTANCE HOLDING COIL	145 OHMS <u>+</u> 10
HOLDING CURRENT MAX	0.25 AM
TIME - MILLISECONDS-MAX.	
RELEASE	
BOUNCE	
WEIGHT	0.37 KG = 0.82 POUN
WIRE SECTION (AT NOMINAL LOAD	95 mm² / AWG 000 = 0.132 sq. in
NOTE	
A SET OF SCREWS IS INCLUDED; TO ACCOMODATE VARIOU	
M8x8 FOR THICKNES 2MM (5/64")	M8x10 FOR THICKNES 4MM (5/32")

## SUBJECT TO CHANGE

1993	Date	Name	Inch_	Scale	ronillanara	Drawing No. ≙ Order No. 26.57.01
Design	04.11.	Jask.	mm			
Check	04.11.	Grupp		olerances	ELEKTROTECHNIK D-72218 Wildberg	26.57.02
Appro			DIN 7			