

Т	A-Nr.	

120AMP. POWER RELAY (28VDC) ENVIRONMENTALLY SEALED



TECHNICAL DATA

ENVIRONMENTAL CHARACTERISTICS

TEMPERATUR RANGE	-40° C TO +85° C (-40° F TO +185°F)
MAX. ALTITUDE RATING	
SEAL	
	IP6K9K (STEAM PRESSURE) DIN 40050 PART 9 AND I.A.W. IEC 529
SHOCK G-LEVEL	
VIBRATION	

ELECTRICAL CHARACTERISTICS

DIELECTRIC WITHSTANDING VOLTAGE		1 050 VOLTS
DIELECTRIC WITHSTANDING VOLTAGE	ALTITUDE 1 MINUTE	
MAX. CONTACT DROP INITIAL		0.15 VOLTS
AFTER LIFE TEST		0.175 VOLTS
OVERLOAD		1000 AMP FOR 1 SEC., 250 AMP FOR 20 SEC.
DUTY RATING		120 AMP CONTINUOUS

RATED CONTACT LOAD (28 VDC)

RESISTIVE LOAD	200 000 CYCLES WITH 120 AMP
INDUCTIVE LOAD	40 000 CYCLES WITH 30 AMP
MOTOR LOAD	200 000 CYCLES WITH 120 AMP
ENDURANCE	

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE	
NOMINAL VOLTAGE	
PICK UP VOLTAGE MAX	18 VDC FULL TEMP. RANGE
DROP OUT VOLTAGE MAX	\leq 4 VDC FULL TEMP. RANGE
COIL RESISTANCE	
COIL CURRENT APPROX	0.35 AMP
COIL POWER APPROX	10 WATT

TIME-MILLISECONDS-MAX.

BOUNCE RELEASE	
WEIGHT	0.48 kg = 1.06 POUND MAX.
WIRE SECTION (AT NOMINAL LOAD)	MIN. 25 mm² / 0.039 sq. in. / AWG 3
MOUNTING POSITION	OPTIONAL

SUBJECT TO CHANGE

1999	Date	Name	_ Inch _	Scale		Drawing No. ≙ Order No.
Design	01.03.	Bo.	mm			29.111.02
Check	01.03.	Grupp		olerances	ELEKTROTECHNIK	29.111.12
Appro			ISO :	168 m 2768	D-72218 Wildberg	