

120AMP. POWER RELAY (12VDC) ENVIRONMENTALLY SEALED



TECHNICAL DATA

ENVIRONMENTAL CHARACTERISTICS

TEMPERATUR RANGE	40° C TO +85° C (-40° F TO +185°F)
MAX. ALTITUDE RATING	
SEAL	IP67 (6 FEET / 0,2 BAR - 1 MIN.) I.A.W. IEC 529
	IP6K9K (STEAM PRESSURE) DIN 40050 PART 9 AND I.A.W. IEC 529
SHOCK G-LEVEL	
VIBRATION	4 G / 50 - 2000 HZ

ELECTRICAL CHARACTERISTICS

MIN. INSULATION RESISTANCE; INITIAL		
AFTER LIFE OR ENVIRONMENTAL		
DIELECTRIC WITHSTANDING VOLTAGE		1 050 VOLTS
	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 (12 VDC)

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

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE	
NOMINAL VOLTAGE	12 VDC
PICK UP VOLTAGE MAX	
DROP OUT VOLTAGE MAX.	≤ 2 VDC FULL TEMP. RANGE
COIL RESISTANCE	
COIL CURRENT APPROX	0.6 AMP
COIL POWER APPROX	

TIME-MILLISECONDS-MAX.

OPERATE BOUNCE	
RELEASE	
WIRE SECTION (AT NOMINAL LOAD)	
MOUNTING POSITION	OPTIONAL

SUBJECT TO CHANGE

1999	Date	Name	Inch	Scale		Drawing No. ≙ Order No.
Design	16.03.	Bo.	mm			29.111.01
Check	16.03.	Grupp	General Tolerances DIN 7168 m ISO 2768		ELEKTROTECHNIK D-72218 Wildberg	29.111.11
Appro						