

# 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	

## 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	30 ( [ []] []] []] []] []] []] []] []] []]	Drawing No. ≙ Order No.
Design	16.03.	Bo.	mm			29.114.01
Check	16.03.	Grupp	General Tolerances DIN 7168 m ISO 2768			29.114.11
Appro						