

ELECTRICAL CHARACTERISTICS: (ALL DATA APPLIES AT 23° C UNLESS OTHERWISE SPECIFIED)

COIL DATA:

NOMINAL VOLTAGE: 24 VDC
 OPERATE VOLATGE: 14.4 VDC MAXIMUM
 RELEASE VOLTAGE: 2.4 VDC MINIMUM
 EQUIVALENT COIL RESISTANCE: 317.6 OHMS ± 10%
 OPERATE TIME: Typ. 7 mSec. EXCLUDING BOUNCE
 RELEASE TIME: Typ. 5 mSec. EXCLUDING BOUNCE
 TEMPERATURE RANGE: STORAGE -40° C TO +155° C
 OPERATE -40° C TO +85° C
 OPERATE -40° C TO +125° C (APPLICATION DEPENDENT)

CONTACT DATA: (CONTACT DATA IS FORMATTED N.O./N.C.)

CONTACT ARRANGEMENT: 1 FORM C (SPDT)
 CONTACT MATERIAL: Silver based
 INITIAL VOLTAGE DROP: NO CONTACT AT 10A, typ./max. 15/200 mV
 NC CONTACT AT 10A, typ./max. 20/250 mV

MAXIMUM MAKE CURRENT: 120A/45A (LAMP) AT 28 VDC
 MAXIMUM BRAKE CURRENT: 20A/15A AT 28 VDC RESISTIVE
 MAXIMUM CONTINUOUS CURRENT: 60A/45A AT 23° C, 40A/30A AT 85° C
 INITIAL BREAKDOWN VOLTAGE: 500V RMS CONTACTS TO COIL

EXPECTED LIFE: 100,000 OPERATIONS, 20A, 28 VDC RESISTIVE ON NORMALLY OPEN CONTACT

MECHANICAL CHARACTERISTICS:

EXPECTED LIFE: 10 MILLION OPERATIONS, NO CONTACT LOAD, 20 OPERATIONS PER SECOND MAXIMUM

100
90
80
70
60
50
40
30
20
10
0

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