SIL3
IEC 61508

NPFSR-K51D.SHT 1/2
DO

→ 简介

NPFSR-K51D.SHT1/2
DO 250V AC
IEC 61508 SIL3 SC3
SIS ESD

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- Proof Test
- Fail-safe
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→ 技术参数

输入参数

DO
" 0 " 0 ~ 5 V DC
" 1 " 18 ~ 32 V DC 24 V DC
≤ 1.1 W / 24 V DC/
≤ 45 mA/24 V DC
≤ 4 ms
≥ 100 ms
≤ 15 Ω
< 200 mA (100 μs)

输出参数

1NO
$AgSnO_2$+Au
5 A/24 V DC (NPFSR-K51D.SHT1)
5 A/250 V AC (NPFSR-K51D.SHT2)
5 A
80%
10 ~ 60 V DC (NPFSR-K51D.SHT1)
50 ~ 230 V AC (NPFSR-K51D.SHT2)

( ) ≤ 29 Ω
( ) ≥ 48 kΩ
≤ 5 V DC (NPFSR-K51D.SHT1)
≤ 35 V AC (NPFSR-K51D.SHT2)
( ) ≤ 10 mA AC/DC
( ) > 5A AC/DC

故障输出

0.5 A/30 V DC

≤ 2 s

诊断电源参数

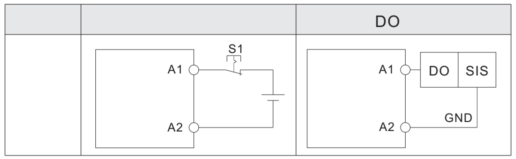
19 V ~ 26.5V DC 24 V DC
≤ 1 W /24 V DC

时间参数

≤ 300 ms
≤ 100 ms
≤ 0.5 Hz

环境参数

IEC 61298-3 IEC 61000-6-2
IEC 61326-3-1
250 V AC
6000 V (1.2/50μs) (/)
3000 V AC, 1 min (/)
IEC 60664-1
IEC 61298-3, 10 Hz ~ 150 Hz, 0.75mm
III
2
IP20
−40 ℃ ~ +70 ℃
10 %RH ~ 90 %RH (40 ℃)
80 kPa ~ 106 kPa
−40 ℃ ~ +80 ℃
≤ 2000 m

机械参数

10×10^6 cycles