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
-
-
-

➔ 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

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IP20

−40 ℃ ~ +70 ℃

10 %RH ~ 90 %RH（40 ℃）

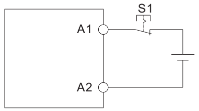
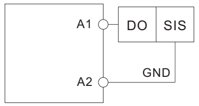
80 kPa ~ 106 kPa

−40 ℃ ~ +80 ℃

≤ 2000 m

机械参数

10×10^6 cycles UG 1”I (W‹P<ỵEp̀-à1p"I Pǒñ T‡ÁI_Ep̀•HạQ"ÇSÌXÝ¤{µ+ÇSŷrQ De vÖp XYp ` ` @

		DO