

Nanjing New Power Electric Technology Co., Ltd.

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简介

技术参数

防爆等级: [Ex ia Ga] IIC [Ex ia Da] IIIC

供电电源:

(14+ 15-) 18V DC ~ 60V DC (24V DC)

输入信号类型 (1 2 3 4 5 6):

输出信号类型 (7 8 9 10 11 12):

4 mA ~ 20 mA 20 ~ 4 mA
0(4) mA ~ 20 mA 0 mA ~ 10 mA 20 ~ 4 mA
0(1) V ~ 5 V 0 V ~ 10 V

4 ~ 20 mA NAMUR NE43

输出纹波: ≤ 5 mVrms (250 Ω)

负载能力:

$R_L \leq [(U-3)/0.02] \Omega$ U
0(4) mA~20 mA 20~4 mA: ≤ 550 Ω 0 mA~10 mA: ≤ 1.1 kΩ
0(1) V ~ 5 V: ≥ 1 MΩ 0 V ~ 10 V: ≥ 2 MΩ

隔离传输准确度 (25 °C ± 2 °C 不含冷端补偿):

响应时间: ≤ 0.5 s

温度漂移: 30 ppm/°C

冷端温度补偿准确度: ± 1 °C

冷端温度补偿范围: -20 °C ~ +60 °C

电磁兼容: EMC IEC 61326-3-1

介电强度 (漏电流1mA 测试时间1分钟):

≥ 3000V AC (/)
≥ 1500V AC (/)

绝缘电阻: ≥ 100 MΩ (/ /)

国家级仪器仪表防爆安全监督检验站认证参数:

U_m: 250 V
1、2 4、5
U_o: 8.7V I_o: 33mA P_o: 72mW
IIC C_o: 5μF L_o: 28mH
IIIC(IIIB) C_o: 49μF L_o: 84mH

环境条件:

-20 °C ~ +60 °C
10 %RH ~ 90 %RH (40 °C)
80 kPa ~ 106 kPa
-40 °C ~ +80 °C

功耗: 24V DC 1.2W

型号命名规则

NPEXA-C1D X X X

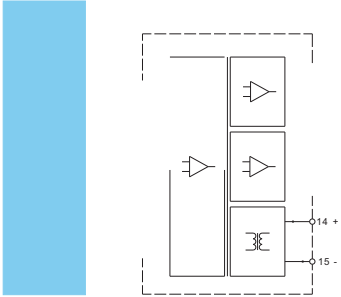
PB

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1	4mA~20mA
2	1V~5V
3	0mA~10mA
4	0V~5V
5	0V~10V
6	0mA~20mA
X	

接线图



“CJC” CJC

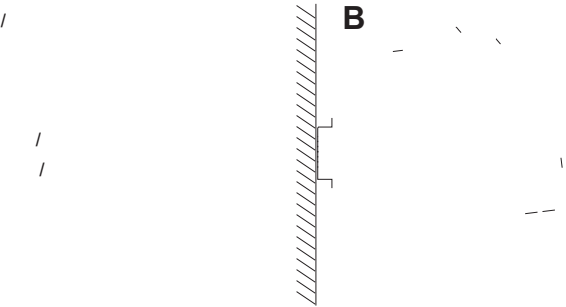
4 ~ 20 mA

	0 mA	0 ~ 4 mA	20 ~ 22 mA
4 ~ 20 mA NE43	2 mA	3.8 ~ 4 mA	20 ~ 20.5 mA
(3.5 mA)	3.5 mA		

外形结构

× × : 17.8mm×110mm×117mm

→ 应用



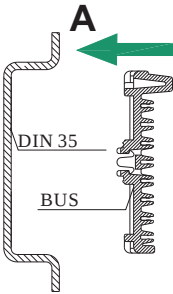
B. DIN BUS BUS

→ BUS规格

→ 安装

- DIN IEC 60715 35mm

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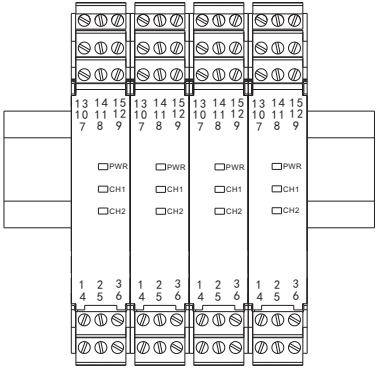


A. BUS DIN 35

C.

D.

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→ 面板显示

- PWR: ()

- CH1 CH2:

1 2 LED LED LED

→ 编程及校准

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→ 注意事项

- IP 20 ()

- IEC/EN 60664-1 2

- IEC 61000-4

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→ 补充说明

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