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: [Ex ia Ga] IIC

:

(14+ 15-)

18V DC ~ 60V DC (24V DC)

(1 2 3):

: ≤ 20 Ω/

(7 8 9 10 11 12):

4 ~ 20 mA 20 ~ 4 mA

0(4) ~ 20 mA 0 ~ 10 mA 20 ~ 4 mA

0(1) ~ 5 V 0 ~ 10 V

4 ~ 20 mA NAMUR NE43

: ≤ 5 mV_{rms} (250 Ω)

:

$R_L \leq [(U-3)/0.02] \Omega$ 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

(25 °C ± 2 °C):

		/
IEC 60584-1	K	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
	E	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
	J	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
	T	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
	N	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
	S	<500°C, ±0.5°C; ≥500°C, ±0.1%F.S.
	R	<500°C, ±0.5°C; ≥500°C, ±0.1%F.S.
	B	<500°C, ±0.5°C; ≥500°C, ±0.1%F.S.
ASTM E988-96	W5Re-W26Re	<500°C, ±0.5°C; ≥500°C, ±0.1%F.S.
	W3Re-W25Re	<500°C, ±0.5°C; ≥500°C, ±0.1%F.S.
GOST R8.585	L	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
IEC 60751	Pt100 (α=0.00385)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Pt100 (α=0.00391)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Cu50 (α=0.00428)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Cu100 (α=0.00428)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Cu50 (α=0.00426)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Cu100 (α=0.00426)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
GOST 6651	Pt100 (α=0.00385)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Pt100 (α=0.00391)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Cu50 (α=0.00428)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Cu100 (α=0.00428)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Cu50 (α=0.00426)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.

: ≤ 0.5 s

: 30 ppm/°C

: ± 1 °C

: -20 °C ~ +60 °C

: EMC IEC 61326-3-1

(1mA 1):

≥ 3000V AC (/)

≥ 1500V AC (/)

: ≥ 100 MΩ (/ /)

CQST :

U_m: 250 V

1 2 3

U_s: 8.7V I_s: 33mA P_o: 72mW C_o: 3.58μF L_o: 21mH

:

-20 °C ~ +60 °C

10 %RH ~ 90 %RH (40 °C)

80 kPa ~ 106 kPa

-40 °C ~ +80 °C

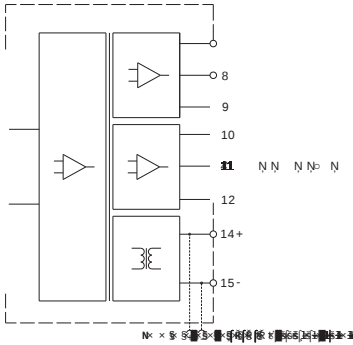
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24V DC 0.8W

24V DC 1.2W

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Nanjing New Power Electric Technology Co., Ltd.

→ BUS

BUS	
	Max. 8A
(UL/IEC)	1.6kV
	-40°C~+105°C

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- ☐DIN IEC 60715 35mm
- ☐

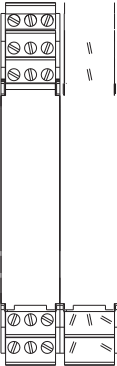
C.

D.

☐

A. BUS DIN 35

B. BUS DIN BUS



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- ☐PWR: ()
- ☐ALM: ()
LED LED RTD: ()
LED TC: LED

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- ☐
- ☐
- ☐
- ☐
- ☐

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- ☐IP20 ()
- ☐IEC/EN 60664-1 2
- ☐IEC 61000-4
- ☐
- ☐
- ☐
- ☐

- 1). $C_o \geq C_p$ $L_o \geq L_p$
- 2). $L_i < L_o \times 1\%$ $C_o \geq C_i$
- 3). $C_i < C_o \times 1\%$ $L_o \geq L_i$
- ☐4). $L_i \geq L_o \times 1\%$ $C_i \geq C_o \times 1\%$ $C_o \times 50\% \geq 0.6 \mu F$ $L_o \times 50\% \geq L_i + L_p$ / A/ B $C_o \times 50\% \leq 1 \mu F$ C $C_o \times 50\% \leq 0.6 \mu F$