

Ordering Information (PXR3)

P X R A - B C D 1 - E F G A 1

To create a part number fill in the boxes above with the appropriate number and/or letter from the corresponding list below.

Box A: Front Panel Size

3 = 1/32 DIN (24x48mm)

Box B: Input Signal

T = Thermocouple (°C)

R = Thermocouple (°F)

N = RTD, Pt100 ohm, 3-wire type (°C)

S = RTD, Pt100 ohm, 3-wire type (°F)

B = 4-20mA DC, 1-5V DC

A = 0-20mA DC, 0-5V DC

Box C: Control Output 1

A = Relay contact output

C = SSR or SSC drive output

E = 4-20mA DC output

Box D: Control Output 2

Y = None

A = Relay contact output

C = SSR or SSC drive output

E = 4-20mA DC output

Box E: Alarm Options

4 = None

5 = High/low alarm 1 point

G = High/low alarm 2 points¹

Box F: Power Supply

V = Standard (100-240 VAC, 50/60Hz)

B = 24V AC/DC (50/60Hz)

Box G: Additional Functions

0 = None

M = RS485 communication (Modbus)

Q = Retransmission + DI 1 point

R = Retransmission (4-20mA DC)

T = Digital Input (DI) x 2

V = RS485 communications (Modbus)
+ DI

Note: RS485 option comes with Free software, PXR-LITE. RS485 requires signal converter to connect to PC, P/N RSFC24 recommended.

¹High/low alarm 2 points not available when control output 2 is selected.

Ordering Information (PXR4, PXR5, PXR7, PXR9)

P X R A - B C D 1 - E F G A 1

To create a part number fill in the boxes above with the appropriate number and/or letter from the corresponding list below.

Box A: Front Panel Size

4 = 1/16 DIN (48x48mm)

5 = 1/8 DIN (48x96mm)

7 = 72 x 72mm

9 = 1/4 DIN (96x96mm)

Box B: Input Signal

T = Thermocouple (°C)

R = Thermocouple (°F)

N = RTD, Pt100 ohm, 3-wire type (°C)

S = RTD, Pt100 ohm, 3-wire type (°F)

B = 4-20mA DC, 1-5V DC

A = 0-20mA DC, 0-5V DC

Box C: Control Output 1

A = Relay contact output

C = SSR or SSC drive output

E = 4-20mA DC output¹

G = Triac 1A, 250 VAC⁴

Box D: Control Output 2

Y = None

A = Relay contact output

C = SSR or SSC drive output

E = 4-20mA DC output¹

G = Triac 1A, 250 VAC⁴

R = Retransmission (4-20mA DC)

Box E: Alarm Options

4 = None

6 = Heater break alarm^{1,2}

G = High/low alarm 2 points

H = High/low alarm 2 points +

heater break alarm^{1,2}

M = Alarm 3 points

D = Remote setpoint³

P = Remote setpoint + alarm 2 points^{3 11}

Box F: Power Supply

V = Standard (100-240V AC, 50/60Hz)

B = 24V AC/DC (50/60Hz)

Box G: Additional Functions

0 = None

M = RS485 communication (Modbus)

S = Digital Input (DI) x 1

T = Digital Input (DI) x 2¹

V = RS485 communications (Modbus)
+ DI^{1,3}

Note: RS485 option comes with Free software, PXR-LITE. RS485 requires signal converter to connect to PC, P/N RSFC24 recommended.

¹Heater break option not available with 4-20mA output, or with 2 digital inputs, or with RS485 +1 digital input.

²Must order current transformer CTL-6-S or CTL-12 with heater break option.

³Remote setpoint option not available with RS485 +1 digital input.

⁴UL and c-UL not available with PXR5 or PXR9.

Accessories

CTL-6-S Current transformer for 1-30A

CTL-12 Current transformer for 20-50A

RSFC24 RS485 to RS232 signal converter

PXR4 Loader Assembly Program loader for PXR4 (can be used for PX series also)

PXR3 Rail Adapter Mounting adapter for DIN rail installation

PXR4 Terminal Cover Terminal block protective cover

Information subject to change without notice. Prices in USD.

010110

PXR4 Temperature Controller Socket Series

Ordering Information (PXR4 Socket Version)

P X R 4 - A B S 1 - C D 0 A 1

To create a part number fill in the boxes above with the appropriate number and/or letter from the corresponding list below.

Front Panel Size

4 = 1/16 DIN (48x48mm)

Box A: Input Signal

T = Thermocouple (°C)

R = Thermocouple (°F)

N = RTD, Pt100 ohm, 3-wire type (°C)

S = RTD, Pt100 ohm, 3-wire type (°F)

B = 4-20mA DC, 1-5V DC

A = 0-20mA DC, 0-5V DC

Box C: Alarm Options

4 = None

5 = High/low alarm 1 point

G = High/low alarm 2 points

Box D: Power Supply

V = Standard (100-240V AC, 50/60Hz)

B = 24V AC/DC (50/60Hz)

Box B: Control Output 1

A = Relay contact output

C = SSR or SSC drive output

E = 4-20mA DC output¹

G = Triac 1A, 250 VAC⁴

Accessories

PXR4 Loader Assembly Program loader for PXR4

PXR4 Terminal Cover Terminal block protective cover
