

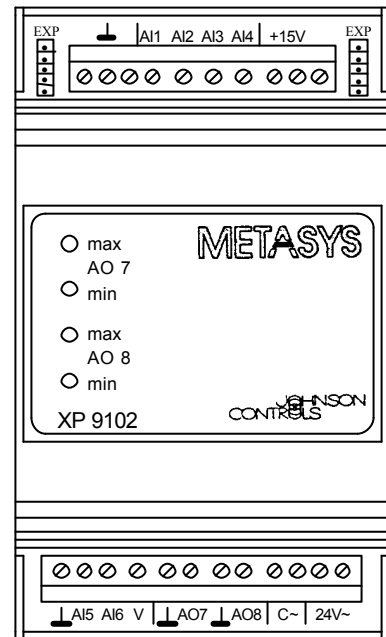
TYPE NO. XP-9102 SPECIFICATIONS



Caution: Before installing this unit, refer to the XT-9100 technical and configuration manuals for installation, wiring and configuration instructions.

XP-9102 SPECIFICATIONS

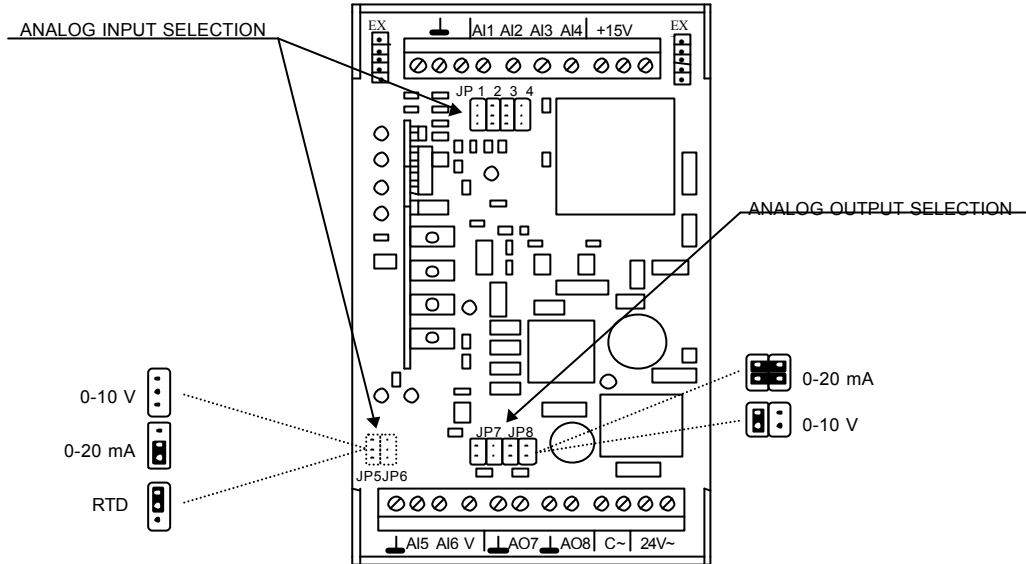
Electrical requirements:	24V AC, 50/60 Hz
Power consumption:	3 VA
Terminations:	
Power supply:	1x1.5 mm ² / 14 AWG cable max.
Inputs/Outputs:	1x1.5 mm ² / 14 AWG cable max.
XP-bus:	Connectors provided
Analog Inputs:	6 Inputs, 10-bit resolution: Inputs jumper selectable: - 0-10 V, > 300kΩ impedance - 0/4-20 mA, 100Ω impedance - RTD (Ni 1000, Pt 1000, A 99)
Analog Outputs:	2 Outputs, jumper selectable: - 0-10V DC, (10 mA) - 0/4-20 mA, 500Ω max
Led indications:	Each output level indicated by 2 LEDs, one for 0% and one for 100%. The LEDs are equally bright at 50% output
Active Sensor supply:	15V DC, 30 mA
Operating environment:	0 to +50 °C / +32° to 122 °F 10 to 90 % RH, non condensing
Storage environment:	-20 to +70 °C / -4° to 158 °F



NOTE: For North American UL 864 applications see special installation instructions in the Smoke Control Technical Bulletin located in FAN 636.

— METASYS —

HARDWARE SETTING






JUMPER DETAILS FOR THE XP-9102

NOTE: All jumper selections must be made **before** installing the module and **before** power is applied to the Module.



For jumper selections proceed as follows:

1. Remove the cover of the Module.
2. Select **Analog Input Type** (Jumpers JP1, JP2, JP3, JP4, JP5 and JP6) using jumpers position as follows (See Figure above):

- One per input in the respective position RTD 
- One per input in the respective position 0-20 mA inputs 
- Remove the jumper completely to select 0-10 V 

A maximum of 30 mA is available from the 15V supply of the Module.

3. Select **Analog Output Type** (Jumpers JP7 and JP8) using jumpers position as follows (See Figure above):

- Two jumpers are required for 0-20 mA 
- One jumper for 0-10 V output 

4. Reposition the cover of the Module and give power.

TYPE NO. XP-9103 SPECIFICATIONS



Caution: Before installing this unit, refer to the XT-9100 technical and configuration manuals for installation, wiring and configuration instructions.

XP-9103 Specifications:

Electrical requirements: Powered from XT-9100

Terminations:

Outputs: 1x1.5 mm² cable max.

XP-bus: Connectors provided

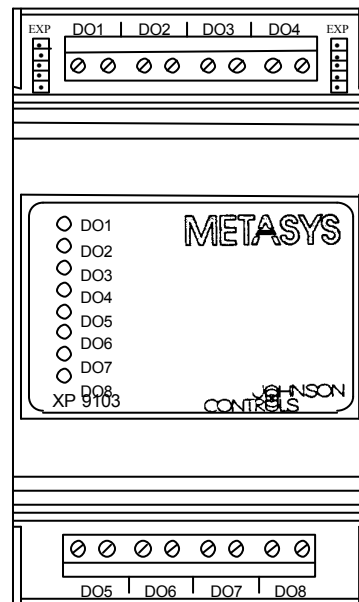
Digital Outputs: 8 Triac Outputs, 500 mA RMS,
ON/OFF or PULSE Type

LED indications: Each output indicated by a LED

Operating environment: 0 ÷ +50 °C

10 ÷ 90 % RH, non condensing

Storage environment: -20 ÷ +70 °C



NOTE: For North American UL 864 applications see special installation instructions in the Smoke Control Technical Bulletin located in FAN 636.

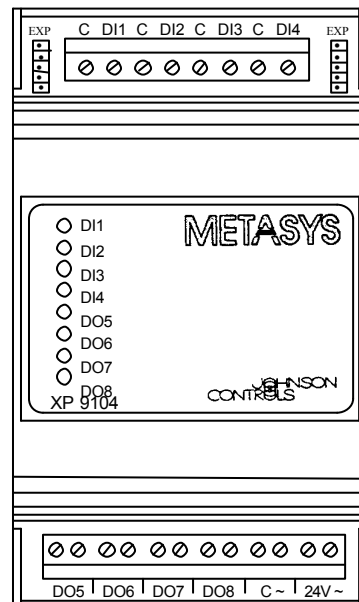
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TYPE NO. XP-9104 SPECIFICATIONS

Caution: Before installing this unit, refer to the XT-9100 technical and configuration manuals for installation, wiring and configuration instructions.

XP-9104 SPECIFICATIONS:

Electrical requirements: 24V AC, 50/60 Hz
Power Consumption: 0.5 VA
Terminations:
Inputs/Outputs: 1x1.5 mm² / 14 AWG cable max.
Power Supply : 1x1.5 mm² / 14 AWG cable max.
XP-bus: Connectors provided
Digital Inputs: 4 Digital Inputs from potential-free contacts, maintained or PULSE TYPE
Digital Outputs : 4 triac outputs, 500 mA RMS, ON/OFF or PULSE TYPE
LED indications: Each input indicated by a LED
 Each output indicated by a LED
Operating environment: 0 to +50 °C / +32° to 122 °F
 10 to 90% RH, non condensing
Storage environment: -20 to +70 °C / -4° to 158 °F



NOTE: For North American UL 864 applications see special installation instructions in the Smoke Control Technical Bulletin located in FAN 636.

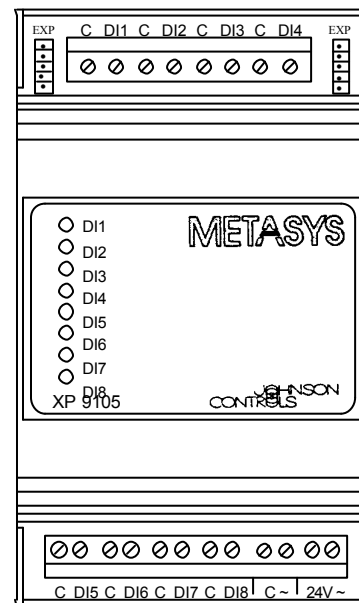
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TYPE NO. XP-9105 SPECIFICATIONS

Caution: Before installing this unit, refer to the XT-9100 technical and configuration manuals for installation, wiring and configuration instructions.

XP-9105 SPECIFICATIONS:

Electrical requirements: 24V AC, 50/60 Hz
Power Consumption: 1 VA
Terminations:
 Inputs: 1x1.5 mm² / 14 AWG cable max.
 Power Supply: 1x1.5 mm² / 14 AWG cable max.
 XP-bus: Connectors provided
Digital Inputs: 8 Digital Inputs from potential-free contacts, maintained or PULSE TYPE
LED indications: Each input indicated by a LED
Operating environment: 0 to +50 °C / +32° to 122 °F
 10 to 90% RH, non condensing
Storage environment: -20 to +70 °C / -4° to 158 °F



NOTE: For North American UL 864 applications see special installation instructions in the Smoke Control Technical Bulletin located in FAN 636.

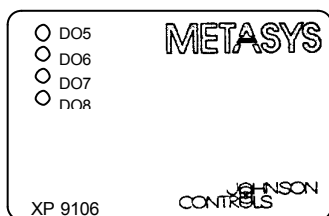
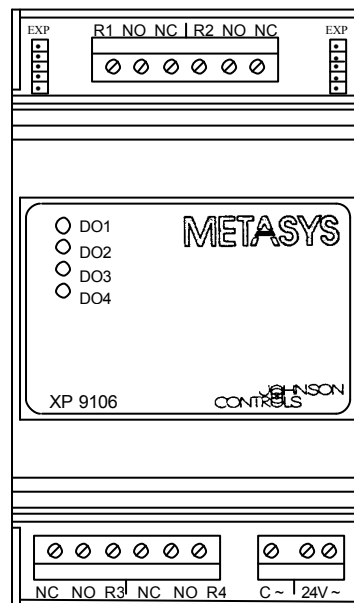
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TYPE NO. XP-9106 SPECIFICATIONS

Caution: Before installing this unit, refer to the XT-9100 technical and configuration manuals for installation, wiring and configuration instructions.

XP-9106 SPECIFICATIONS:

Electrical requirements: 24V AC, 50/60 Hz
Power Consumption 4 VA
Terminations:
Outputs: 1x1.5 mm² / 14 AWG cable max.
Power Supply: 1x1.5 mm² / 14 AWG cable max.
XP-bus: Connectors provided
Digital Outputs: 4 Relay outputs,
 SPDT relay: 250V AC / 5 A
 30V DC / 5 A
 ON/OFF or PULSE Type
LED indications: Each output indicated by a LED
Operating environment: 0 to +50 °C / +32° to 122 °F
 10 to 90 % RH, non condensing
Storage environment: -20 to +70 °C / -4° to 158 °F



NOTE: Apply the label with "DO5 ÷ DO8" point tags (supplied in the package) when the Module is the second of two XP-9106 Modules in position XP1 or XP2.

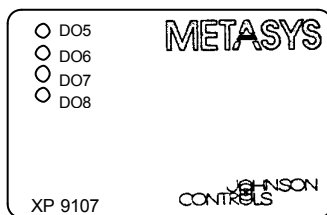
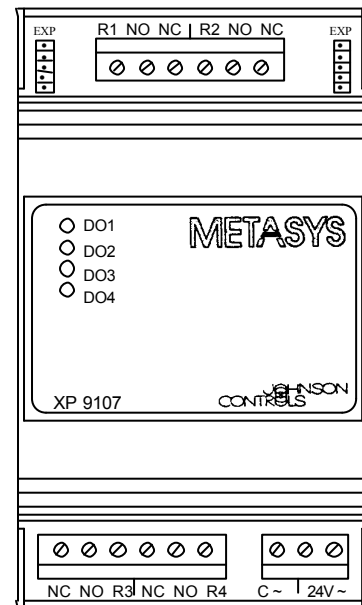
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TYPE NO. XP-9107 SPECIFICATIONS

Caution: Before installing this unit, refer to the XT-9100 technical and configuration manuals for installation, wiring and configuration instructions.

XP-9107 SPECIFICATIONS:

Electrical requirements: 24V AC, 50/60 Hz
Power Consumption 4 VA
Terminations:
Outputs: 1x1.5 mm² / 14 AWG cable max.
Power Supply: 1x1.5 mm² / 14 AWG cable max.
XP-bus: Connectors provided
Digital Outputs: 4 Relay outputs,
 SPDT relay: 24V AC / 3 A
 24V DC / 3 A
 ON/OFF or PULSE Type
LED indications: Each output indicated by a LED
Operating environment: 0 to +50 °C / +32° to 122 °F
 10 to 90 % RH, non condensing
Storage environment: -20 to +70 °C / -4° to 158 °F



NOTE: Apply the label with "DO5 ÷ DO8" point tags (supplied in the package) when the Module is the second of two XP-9107 Modules in position XP1 or XP2.

NOTE: For North American UL 864 applications see special installation instructions in the Smoke Control Technical Bulletin located in FAN 636.

METASYS