

XT+ Multi-Module* Addressable Releasing Control Units



RELEASING MODULE* UNITS PART NUMBERS

0100-22400	XT+1R
0100-22410	XT+1G
0100-22420	XT+2R
0100-22430	XT+2G

All cabinets are equipped with a 5.25A Power Supply.

ACCESSORY PART NUMBERS

0100-16950	Disconnect Switch
0100-16560	Abort Switch
0100-10780	Ancillary Board
0100-16460	Status Units

UNIT KEY LOCK PART NUMBERS

901	Enable Access Mode Select
CAT 30	Cabinet Lock

*A Module equals an Area

PRODUCT LISTINGS



Specifications subject to change without notice.

STANDARD FEATURES

- UL 864 10th Edition Listed
- Up to 2 releasing modules* / hazards per XT+ unit
- Dual releasing outputs for each module* (configurable as Main/Reserve)
- Second and third stage NAC outputs for each module*
- First, second, and third stage volt-free changeover relays for each module*
- Released volt-free relay per module*
- Trouble volt-free relay per module*
- Programmable releasing delays
- Programmable output duration
- Countdown indicator shows time until release in seconds
- Mode select and manual release controls per module*
- Monitored remote manual release input
- Monitored remote abort input
- Monitored remote mode select input
- Monitored remote released pressure switch input
- Serial connections for status units and ancillary boards

PRODUCT DESCRIPTION

XT+ releasing control units are multi-module* releasing control units containing one or two releasing modules* complying with UL 864 10th edition.

Up to 15 releasing modules* may be connected to a FireNET Plus® fire alarm control panel. Each releasing module* can accommodate a separate hazard defined by two specific zones.

Each XT+ unit is equipped with a 5.25 A power supply (120 VAC or 240 VAC) to power releasing modules* and attached solenoids / actuators or sequential activators.

Each releasing module* has a comprehensive set of inputs and outputs and is configurable via a simple programming interface provided by Loop Explorer 2. Each releasing module* may have up to 7 serially connected status units or ancillary relay boards.

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XT+ Multi-Module* Addressable Releasing Control Units

TECHNICAL SPECIFICATIONS

Construction	1.2mm mild sheet steel
Dimensions	14.5"W x 18.9"H x 4.25"D
IP Rating	IP30
Finish	Epoxy powder coated
Color	Lid & Box: Red or Gray
Weight	17.6 lbs (Standard Configuration)
Cabling	FP200 or equivalent (max capacitance 1uF max inductance 1 mH). Connect 18 to 14 AWG wiring for all field terminations except AC input. Connect 14 AWG wiring for line, neutral, and ground terminations of the AC input
Power Supply	1.83 Amps Max @ 120 V, 50/60 Hz 0.915 Amps Max @ 240 V, 50/60 Hz
Power Supply Fuse	3A (field-replaceable)
Power Supply Rating	1 and 2 Module* Units: Regulated 24V DC @ 4A
Maximum Ripple Current	1V Maximum
Standby Battery Type	Two 12 VDC, valve-regulated lead acid
Battery Size	Recommended battery size is 12 Ah for a typical configuration. Required battery size is mainly dependent on standby current. To determine the most appropriate battery size, use the battery calculator in LE2 or consult the installation manual.
Battery Charge Voltage	27.6VDC nominal (temperature compensated)
Battery Fuse	10A 3AG (field-replaceable)
Current Draw in Power Fail Condition	54mA per releasing module*
Max Current Draw from Batteries	4A
Ground Fault Impedance Value	100 Ohms
Temperature Range	32°F (0°C) - 120°F (49° C)
Relative Humidity	Up to 93%, non-condensing
Releasing Delay	Adjustable 0 to 60 seconds (+/- 10%)
Releasing Duration	Adjustable 60 to 300 seconds
Fire Alarm Control Panel	FireNET Plus [®] with Firmware Version 07.002.005 or higher

TOP TERMINALS

24V Power	24V Regulated, continuous (power input)
Aux 24V	24V Regulated @ 360mA Max, Power-limited
Trouble	
1st Stage	
2nd Stage	
3rd Stage (Released)	Volt-free contact rated at 30V DC, 1A, Resistive
Supv. / Abort	
Extract	
2nd Stage Alarm	
3rd Stage Alarm	24V Regulated @ 850mA Max, Power-limited
Exting. 1 (Main)	
Exting. 2 (Reserve)	24V Regulated @ 1A Max, Power-limited

BOTTOM TERMINALS

Man. Rel	Class B
Abort	Supervised for opens, shorts, and grounds
Disable	End-of-Line device: 6.8K Ohm resistor (S2027)
Mode	Activation device: 470 Ohm resistor (S2051)
Rel P. Sw	Maximum Voltage / Current: 24V DC / 50 mA
Low Press.	Maximum Wiring Impedance for Each Circuit: 50 Ohms Power-limited
CIE Serial	Two wire, RS485 connection, Data 3.3 V, current-limited, Class B, supervised Maximum Line Impedance: 120 Ohms
Status Serial	Two wire, RS485 connection, Data 3.3 V, current-limited, Class B, supervised Maximum Line Impedance: 120 Ohms
Status Pow.	24V Regulated @ 360mA Max, Power-limited

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