XT+

MULTI-AREA ADDRESSABLE RELEASING CONTROL UNITS

Product Datasheet

PENDING

Standard Features

- UL 864 10th Edition Listed
- Up to 2 releasing areas / hazards per XT+ unit
- Dual releasing outputs for each area (configurable as Main/Reserve)
- First and second stage NAC outputs for each area
- First and second stage volt free changeover relays for each area
- Released volt-free relay per area
- Trouble volt-free relay per area
- Programmable releasing delays
- Programmable output duration
- Countdown indicator shows time until release in seconds
- Mode select and manual release controls per area
- 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
- Built in Extract Fan control
- Compatible with conventional detectors from

Ordering Codes

AS1711-10	XT+ Single Area Control Unit - 1 Area - Red
AS1711-40	XT+ Single Area Control Unit - 1 Area - Gray
AS1712-10	XT+ Single Area Control Unit - 2 Areas - Red
AS1712-40	XT+ Single Area Control Unit - 2 Areas - Gray

Product Overview

XT+ releasing control units are multi-area 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 Supreme-RS 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.

MADE IN BRITAIN

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: Gray - BS 00 A 05 or Red - RAL 3002 Fascia: RAL7016
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 Area 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.
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	Elite RS 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) Supervisory / Abort / Extract	Volt-free contact rated at 30V DC, 1A, Resistive
3rd Stage Alarm 2nd Stage Alarm	24V Regulated @ 850mA Max, Power-limited
Exting. 1 (Main) Exting. 2 (Reserve)	24V Regulated @ 1A Max, Power-limited
BOTTOM TERMINALS	
Man. Release / Abort / Disablement Switch / Mode / Releasing Pressure Switch / Low Pressure Switch	Class B Supervised for opens, shorts, and grounds End-of-Line device: 6.8K Ohm resistor (S2027) Activation device: 470 Ohm resistor (S2051) Maximum Voltage / Current: 24V DC / 50 mA 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