



CONTROL UNIT CU-P03D-(B/E)

Technical datasheet



APPLICATION

The CU-P03D control unit is a central component in the Raptor X Explosion Suppression System, designed for use with chemical barriers. It serves as the interface between explosion detectors (types PDS and PDP) and suppression bottles (types EAB and MP), enabling rapid and reliable activation in the event of an explosion.

CU-P03D Variants:

- **CU-P03D-B (Base Unit)**

This version includes an integrated display and history module, enabling local system monitoring, diagnostics and event logging. Suitable for systems with 1-6 zones and supports user login via MCU.

- **CU-P03D-E (Expansion Unit)**

The expansion module operates autonomously but remains fully connected to the base unit. It can be monitored and controlled remotely through the CU-P03D-B, ensuring seamless integration across larger or more complex protection systems.

This version includes an integrated expansion module for additional zones (7–10 zones) and supports user login via the MCU integrated in the base unit (CU-P03D-B).



CU P03D-B

GENERAL CHARACTERISTICS

	CU P03D-B	CU P03D-E
EXTERNAL SIGNALING		
RESET BUTTON	✓	✗
ON/OFF KEY SWITCH	✓	✗
SYSTEM STATUS LED	✓	✗
EXTERNAL KEYPAD	✓	✗
LCD-DISPLAY	✓	✗
INTERNAL SIGNALING (ZCN MODULE)		
RESET BUTTON	✓	✓
ON/OFF KEY SWITCH	✓	✓
ZONE STATUS LED	✓	✓



CU P03D-E