

Cerberus® PRO

Marine Fire and Detection Equipment

Models FH-2071-UM | BP-62 | USCG-XPLATE

Architect & Engineer Specifications

- Marine equipment is used with Cerberus PRO 252-point (Model FC922) and 504-point (Model FC924) addressable fire alarm control panels (FACPs).
- Robust design allows for protection of equipment in harsh climates and environments:
 - most parts used in Marine fire applications have passed salt-spray mist requirements for Exceptional Degree of Protection, per USCG guidelines, including Models OH921 | OP921 | HP921 and Siemens "H" and "X" series devices.
- Physical properties of Model FH-2071-UM enclosures include:
 - fully gasket-sealed outer door
 - draw latches for secure closure
 - wire-braided, corrosion-resistant vibration isolators
 - one (1) battery bracket which holds two (2) 16AH batteries
 - one (1) AC line EMI filter
- Battery set (Model BP-62) provides back-up, emergency power for Marine-only installations:
 - 16AH Standby power @ 24VDC
 - with metal jacket, operable between -40°F / °C to 176°F (80°C)
 - comes with two (2) batteries per order
- Model USCG-XPLATE is required for Marine applications, in order to reduce radio-frequency interference (RFI)
 - Ordered separately, each faceplate fits over Model XTRI-series devices
- UL 864 10th Edition Listed, UL-5527 Listed
- ABS Type Approval; Lloyd's Register Type Approval
- United States Coast Guard (USCG) Approved, including Exceptional Degree of Protection - CFR, Title 46, Subpart 161.002/601/0

Product Overview

Marine Fire and Detection Control is an advanced Siemens fire-safety system designed for use with Cerberus PRO 252-point (Model FC922) or 504-point (Model FC924) addressable FACPs for Marine-specific installs and other harsh-environment applications.

The enclosure used in Marine applications is robust and weather-resistant. Its durable design is customized for Marine installs, due to the conditions at-sea the equipment will regularly encounter. In order to provide secure fastening, each Model FH-2071-UM shipment includes a fully gasket-sealed outer door, draw latches, as well as wire-braided, corrosion-resistant vibration isolators.

For all Marine installations that use Siemens XTRI-series devices, a specific faceplate (Model USCG-XPLATE) is required, and must be ordered separately. The faceplate helps diminish RFI exposure, and fits on the front of each XTRI interface module.

Additionally, the system batteries (Model BP-62) are used to provide back-up system power. Each battery, which is rated at 16AH, can withstand temperatures as low as -40°F/°C and as high as +176°F (+80°C).

Application Data

The equipment used in Marine applications generates and radiates radio-frequency energy. If the equipment is not installed properly, and is attempted to be used in ways that are different from the instructions found in the manual (POM: A6V10519176), this could subsequently result in interference with radio communications.

With the exception of the inner door, the Marine enclosure (Model FH-2071-UM) is shipped complete. A trained Siemens representative is required to wire and assemble the Marine equipment at the site. Actual FACPs are delivered in individual parts. Pre-installed components include one (1) EMI filter, as well as one (1) system battery bracket.

The following components must be ordered separately:

- one (1) system operating unit
- one (1) 170W power supply; electronic components (according to specified order)
- two (2) 16AH batteries; installation material, instructions, and option modules (as required).

See: Pages 4-6 for the complete list of individual, orderable parts.



Model
FH-2071-UM

Note: Cerberus PRO Marine Fire and Detection Equipment is: UL 864 10th Edition Listed; USCG Approved (per CFR, Title 46, Subpart 161.002/601/0). (Refer to Cerberus PRO's 252 / 504-point addressable panel datasheet, #9815, for more data.)



Siemens Fire Alarm Manual

PETROGAV INTERNATIONAL

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the Petrogav International text.

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Fire Engineering's Handbook for Firefighter I and II Glenn P. Corbett, 2009 Corbett technical editor of Fire Engineering magazine has assembled more than 40 accomplished fire service professionals to compile one of the most authoritative comprehensive and up to date basics book for Firefighter I and II classes *Fire Protection* Robert Burke, 2007-11-06 The modern definition of firefighter no longer means putting the wet stuff on the red stuff Emergency responders answer incidents ranging from fire alarm activations to elevator rescues and medical emergencies more often than full blown fires Consequently responders increasingly interface with a wide array of building systems Underscoring the *Automatic Telephone Systems* William Aitken, 1923 [Computational Science - ICCS 2020](#) Valeria V. Krzhizhanovskaya, Gábor Závadoszky, Michael H. Lees, Jack J. Dongarra, Peter M. A. Sloot, Sérgio Brissos, João Teixeira, 2020-06-19 The seven volume set LNCS 12137 12138 12139 12140 12141 12142 and 12143 constitutes the proceedings of the 20th International Conference on Computational Science ICCS 2020 held in Amsterdam The Netherlands in June 2020 The total of 101 papers and 248 workshop papers presented in this book set were carefully reviewed and selected from 719 submissions 230 submissions to the main track and 489 submissions to the workshops The papers were organized in topical sections named Part I ICCS Main Track Part II ICCS Main Track Part III Advances in High Performance Computational Earth Sciences Applications and Frameworks Agent Based Simulations Adaptive Algorithms and Solvers Applications of Computational Methods in Artificial Intelligence and Machine Learning Biomedical and Bioinformatics Challenges for Computer Science Part IV Classifier Learning from Difficult Data Complex Social Systems through the Lens of Computational Science Computational Health Computational Methods for Emerging Problems in Dis Information Analysis Part V Computational Optimization Modelling and Simulation Computational Science in IoT and Smart Systems Computer Graphics Image Processing and Artificial Intelligence Part VI Data Driven Computational Sciences Machine Learning and Data Assimilation for Dynamical Systems Meshfree Methods in Computational Sciences Multiscale Modelling and Simulation Quantum Computing Workshop Part VII Simulations of Flow and Transport Modeling Algorithms and Computation Smart Systems Bringing Together Computer Vision Sensor Networks and Machine Learning Software Engineering for Computational Science Solving Problems with Uncertainties Teaching Computational Science UNCertainty QUantificatiOn for ComputatiOnAl modeLs The conference was canceled due to the COVID 19 pandemic Chapter APE A Command Line Tool and API for Automated Workflow Composition is available open access under a Creative Commons Attribution 4 0 International License via link [springer.com](https://www.springer.com) *273 technical questions and answers for job interview Offshore Oil & Gas Rigs* Petrogav International Oil & Gas Training Center, 2020-06-30 The job interview is probably the most important step you will take in your job search journey Because it s always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil

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The book delves into Siemens Fire Alarm Manual. Siemens Fire Alarm Manual is a vital topic that must be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Siemens Fire Alarm Manual, encompassing both the fundamentals and more intricate discussions.

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 - Chapter 1: Introduction to Siemens Fire Alarm Manual
 - Chapter 2: Essential Elements of Siemens Fire Alarm Manual
 - Chapter 3: Siemens Fire Alarm Manual in Everyday Life
 - Chapter 4: Siemens Fire Alarm Manual in Specific Contexts
 - Chapter 5: Conclusion
2. In chapter 1, this book will provide an overview of Siemens Fire Alarm Manual. The first chapter will explore what Siemens Fire Alarm Manual is, why Siemens Fire Alarm Manual is vital, and how to effectively learn about Siemens Fire Alarm Manual.
3. In chapter 2, the author will delve into the foundational concepts of Siemens Fire Alarm Manual. This chapter will elucidate the essential principles that need to be understood to grasp Siemens Fire Alarm Manual in its entirety.
4. In chapter 3, the author will examine the practical applications of Siemens Fire Alarm Manual in daily life. This chapter will showcase real-world examples of how Siemens Fire Alarm Manual can be effectively utilized in everyday scenarios.
5. In chapter 4, the author will scrutinize the relevance of Siemens Fire Alarm Manual in specific contexts. This chapter will explore how Siemens Fire Alarm Manual is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, this book will draw a conclusion about Siemens Fire Alarm Manual. This chapter will summarize the key points that have been discussed throughout the book.

This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Siemens Fire Alarm Manual.

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