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MERIDIAN MARKET FACP

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PUYALLUP, WA

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SFS PROJECT# FA24144

OVERVIEW

THE SCOPE OF THIS PROJECT IS TO REPLACE THE EXISTING CONVENTIONAL FIRE ALARM CONTROL PANEL. ALL OTHER DEVICES WILL REMAIN UNALTERED. THIS WORK IS NOT RELATED TO ANY TENANT IMPROVEMENT OR CONSTRUCTION.

CONTENTS

1. HONEYWELL (IFP-300) ADDRESSABLE FIRE ALARM CONTROL PANEL
2. DURACELL (DURA12-10F2) BATTERY

IFP-300 / IFP-300B

Intelligent Fire Alarm Control Panel

The IFP-300 (red) and IFP-300B (black) are intelligent analog/addressable fire alarm control panels (FACP) and are direct replacements for the IFP-100 FACP. The IFP-300 panel contains one built-in signaling line circuit (SLC), which can support 159 (IDP/SK) System Sensor® sensors and 159 IDP/SK modules or 127 (SD) Hochiki® devices per loop. Additional SLC loops can be added using the model 6815 SLC expander for SK/IDP devices to increase the overall point capacity to a maximum of 300 points per panel, or model 5815XL for SD devices to increase the overall point capacity to a maximum of 254 points per panel.

The IFP-300 has the interconnection capability for up to 32 panels. The system has two modes of operation, multiple panels covering one larger building, or multiple independent buildings. The SK-NIC Network Interface Card is used to network panels together. Copper wire or fiber optic cable panel connectivity can be used within the same networked system.

IFP-300 has a built-in dual phone line, digital alarm communicator/transmitter (DACT) with IP and optional cellular technologies, form-C trouble relay, and two programmable form-C relays. The IFP-300 has powerful features such as detector sensitivity, day/night thresholds, drift compensation, pre-trouble maintenance alert, and calibration trouble alert.

The IFP-300 supports a variety of devices, including RA-2000, RA-1000 or RA-100 remote annunciators, 5824 serial/parallel printer interface modules (for printing system reports), RPS-1000 power modules, and IDP, SK, or SD devices.



IFP-300B

FEATURES & BENEFITS

- Network support for up to 32 Sites
- Built-in support for up to 159 IDP/SK detectors and 159 IDP/SK modules or 127 SD SLC devices
- Four line LCD display with 40 characters per line
- Available in a red or black cabinet
- Can be surface or flush mounted
- Built-in USB interface for convenient and quick programming
- Firmware can be upgraded in the field
- Network card allows copper network connection with a multi-mode or single-mode fiber connection option
- Built-in dual phone line, digital alarm communicator/transmitter (DACT) with IP and optional cellular technologies
- JumpStart® auto programming feature for easy programming
- Supports up to four SWIFT® wireless gateways. Each gateway can have up to 49 wireless devices
- Supports Class B (Style 4) and Class A (Style 6 or Style 7) configuration for SLC, and SBUS
- Built-in NAC synchronization for devices from AMSECO®, Gentex®, System Sensor®, and Wheelock®

IFP-300 Technical Specifications

PHYSICAL:

Overall Dimensions: 26.4"H x 16.4"W x 4.4"D
Weight: 45 lbs.
Color: Red or Black

ENVIRONMENTAL

Operating Temperature: 32°F to 120°F (0°C to 49°C)
Humidity: 0 to 93% relative humidity (non-condensing)

ELECTRICAL:

IFP-300 Primary AC: 120VAC @ 60 Hz, 3.3A Total
Accessory Load: 6A @ 24VDC power-limited
Standby Current: 190mA
Alarm Current: 250mA
Battery Charging Capacity: 17 to 55AH
Battery Size: 18AH max. allowed in control panel cabinet. Larger capacity batteries can be housed in RBB accessory cabinet.

AGENCY LISTINGS AND APPROVALS

NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signaling; Local Protective Signaling Systems; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service
UL Listed: S2766
CSFM: 7165-0559:0504
FDNY: COA#6245
FM approved

APPROVED RELEASING SOLENOIDS

Asco	T8210A107	24 VDC	3 A max	0 Hz
Asco	8210G207	24 VDC	3 A max	0 Hz

COMPATIBLE DEVICES

See the data sheets listed below for a complete listing of the IDP, SK, SWIFT or SD devices.

350361: IDP Device Protocol data sheet
53623: SK Device Protocol data sheet
350360: SD Device Protocol data sheet
350615 & 350617: SWIFT devices data sheet

ORDERING INFORMATION

IFP-300: Intelligent Fire Alarm Control Panel. Red Cabinet.
IFP-300B: Intelligent Fire Alarm Control Panel Black Cabinet.

SBUS ACCESSORIES

RA-2000, RA-1000, RA-1000R, RA-100, RA-2000GRAY: Remote annunciators
6815: Signal Line Circuit (SLC) Expander for IDP or SK devices
5815XL: Signal Line Circuit (SLC) Expander for SD devices
RPS-1000: Power Supply
5496: NAC Expander
5824: Serial/Parallel Module
5880: LED I/O Module
5865-3 or 5865-4: LED Annunciator
5883: Relay Interface

MISCELLANEOUS ACCESSORIES

HFSS: Software Suite. Provides programming, upload/download and event reporting
RBB: Remote Battery Box Cabinet. Use for backup batteries up to 35 AH. Dimensions: 16" W x 10" H x 6" D
SK-SCK: Seismic Compliance Kit
SK-NIC: Network Interface Card
SK-NIC-KIT: Installation Accessory Kit
SK-FML: Fiber-Optic Multi Mode, transmitter and receiver
SK-FSL: Fiber-Optic Single Mode
CELL-MOD: Cellular Communicator in Plastic Enclosure
CELL-CAB-SK: Cellular Communicator in Metal Enclosure with lock and key

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

For Technical Support, Please call 800-446-6444.

Honeywell Farenhyt

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800-328-0103
www.farenhyt.com



SLA BATTERIES

SEALED LEAD ACID

General Purpose

Most versatile. Suited for backup & deep cycle applications.

Duracell® Ultra SLA technology offers high-density power that outperforms traditional lead acid batteries. The Absorbed Glass Mat (AGM) construction is designed for efficient gas recombination and allows for maintenance-free operation. Every Duracell® Ultra SLA battery is inspected to ensure the highest standards in materials and fabrication.

APPLICATIONS

Emergency Lighting
Small UPS/Backup
Memory Backup
Mobility/Scooter

Solar Power
Security Systems
Telecom



DURACELL®
ULTRA

SEALED NON-SPILLABLE BATTERY
BATERÍA DE PLOMO-ÁCIDO SELLADOS

DURA12-18NB 12V 18Ah AGM



DURACELL®
ULTRA

SEALED NON-SPILLABLE BATTERY
BATERÍA DE PLOMO-ÁCIDO SELLADOS

DURA12-35C 12V 35Ah AGM

DURACELL®
ULTRA

SEALED NON-SPILLABLE BATTERY
BATERÍA DE PLOMO-ÁCIDO SELLADOS

DURA3F 3V 3Ah AGM

DURACELL® ULTRA



Cycle Life

50-150 cycles at 100% discharge.



Spillproof Design

Unique design construction and sealing techniques guarantee leak-proof operation.



Maintenance Free

Maintenance-free design and manufactured in compliance with the quality management system standard of ISO 9001.



Nationwide Warranty

If something goes wrong, we want to make it right. Return the battery to any Batteries Plus location nationwide and our experts will take a look.

Account Benefits



Delivery

We drive to you, and meet you on your time, which means your focus stays on running your business.



Recycling

We recycle according to your municipality's ordinances. Go green.



Case Quantities

Commercial discounts and volume pricing available through your local store.



Questions About Products?

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BatteriesPlus+

Power it. Light it. Fix it.



SLA BATTERIES

SEALED LEAD ACID

PRODUCT SHEET

Vendor Product #	Voltage	Capacity (20 Hr Test)	Terminal Type	Length (in)	Width (in)	Height* (in)
DURA4-4.5F2	4V	4AH	F2	1.85	1.85	4.21
DURA6-1.3F	6V	1.2AH	F1	3.82	0.94	2.26
DURA6-2ST	6V	2AH	ST	1.69	1.46	2.99
DURA6-2.9F	6V	2.8AH	F1	2.60	1.30	4.06
DURA6-3.3F	6V	3.2AH	F1	5.28	1.36	2.64
DURA6-5F-L	6V	5AH	F1	4.29	1.38	2.91
DURA6-5F	6V	5AH	F1	2.76	1.85	4.17
DURA6-5SP	6V	4.5AH	SP	2.64	2.64	4.29
DURA6-7.2F	6V	7.2AH	F1	5.94	1.34	3.94
DURA6-8.2F	6V	8.5AH	F1	3.86	2.20	4.72
DURA6-10F	6V	10AH	F1	5.94	2.01	3.94
DURA6-12F	6V	12AH	F1	5.94	1.97	3.89
DURA6-12F2	6V	12AH	F2	5.94	1.97	3.89
DURA6-14A	6V	13AH	F1 (neg) F2 (pos)	4.25	2.76	5.51
DURA6-42F2	6V	42AH	F2	6.34	3.43	6.65
DURA6-42NB	6V	42AH	NB	6.34	3.43	6.89
DURA6-200C	6V	200AH	C	12.05	6.61	8.98
DURA8-3.2F	8V	3.2AH	F1	5.28	1.44	2.71
DURA12-0.8WL	12V	0.8AH	WL	3.78	0.98	2.44
DURA12-1.3F	12V	1.2AH	F1	3.82	1.69	2.28
DURA12-2.3F	12V	2.3AH	F1	7.01	1.34	2.60
DURA12-2.9F	12V	2.9AH	F1	3.11	2.20	4.13
DURA12-3.3F	12V	3.2AH	F1	5.28	2.64	2.64
DURA12-3.3F2	12V	3.2AH	F2	5.28	2.64	2.64
DURA12-5F	12V	5AH	F1	3.54	2.76	4.13
DURA12-5F2	12V	5AH	F2	3.54	2.76	4.13
DURA12-5.1A	12V	5AH	F1 (neg) F2 (pos)	5.51	1.89	4.06
DURA12-7F	12V	7AH	F1	5.94	2.56	3.94
DURA12-7F2	12V	7AH	F2	5.94	2.56	3.94
DURA12-8F	12V	8AH	F1	5.94	2.56	3.94
DURA12-8F2	12V	8AH	F2	5.94	2.56	3.94
DURA12-9F	12V	9AH	F1	5.94	2.56	3.94
DURA12-9F2	12V	9AH	F2	5.94	2.56	3.94
DURA12-9NB	12V	9AH	NB	5.94	2.56	4.17
DURA12-10F2	12V	10AH	F2	5.94	2.56	4.67
DURA12-12F2	12V	12AH	F2	5.94	3.86	3.86
DURA12-12NB	12V	12AH	NB	5.94	3.86	4.09
DURA12-12F	12V	12AH	F1	5.94	3.86	3.86
DURA12-13NB	12V	13AH	NB	5.24	3.07	6.22
DURA12-14F2	12V	14AH	F2	5.94	3.88	3.98
DURA12-18C/FR	12V	18AH	C	7.14	3.03	6.59
DURA12-18F2	12V	18AH	F2	7.13	3.03	6.59
DURA12-18NB	12V	18AH	NB	7.13	3.03	6.59
DURA12-26NB	12V	26AH	NB	6.54	6.89	4.92
DURA12-33C	12V	33AH	C	7.72	5.12	6.61
DURA12-33J	12V	33AH	J	7.72	5.12	7.09
DURA12-35C	12V	36AH	C	7.72	5.12	6.65
DURA12-44C/FR	12V	44AH	C	7.72	6.50	6.89
DURA12-55P	12V	55AH	P	9.06	5.43	9.11
DURA12-55C/FR	12V	58AH	C	9.02	5.43	8.50
DURA12-80P	12V	80AH	P	10.24	6.61	9.15
DURA12-80C/FR	12V	79AH	C	10.20	6.65	8.50
DURA12-100C/FR	12V	107.6AH	C	12.09	6.61	8.43
DURA12-140C/FR	12V	140AH	C	13.50	6.73	11.02



* **WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.**

+ Battery height includes terminals

Questions About Products?
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