



Certificate of Compliance

FIRE PROTECTION EQUIPMENT

This certificate is issued for the following [name] equipment:

Models FCP-2100, RFCP-2100, FCP-2100HV, FCP-300 are Fire Alarm Control Panels.

Approval Guide Listing Category:

- Electrical Signaling Signaling Systems (Fire) Local Protective Signaling Local Protective Signaling
- Electrical Signaling Signaling Systems (Fire) Central Station Signaling Systems

Fike Corp
 704 SW 10th Street,
 PO Box 610,
 Blue Springs, MO, 64015,
 United States

This certifies that the equipment described has been found to comply with the applicable requirements, as stated in the Approval Report(s), of the following FM Approval Standards and other documents:

<i>Approval Standards</i>		<i>Other Standards</i>	
<i>Class Number</i>	<i>Date</i>	<i>Organization, Designation</i>	<i>Date</i>
3010	2018		

Original Approval Job Identification: PR459162

Approval Granted: 30 March 2021

Subsequent Revisions: none

To verify the availability of the Approved product, please refer to www.approvalguide.com



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Date 30 March 2021



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Electrical Signaling Signaling Systems (Fire) Local Protective Signaling Local Protective Signaling

FCP-2100/RFCP-2100, Analog Addressable Fire System

The FCP-2100 Series Fire Alarm Control/Communicator is an analog addressable fire control system with software revision 1.00. The RFCP-2100 is the same as the FCP-2100 without the display.

Models	Description
FCP-2100/RFCP-2100	Fire alarm Control, 120VAC input power, 5A AC; 9A DC output power
FCP-2100HV	Fire alarm Control, 240VAC input power, 2.5A AC; 9A DC output power

Basic System Components and Modules are:

Model	Description	FM Reference #
Device SLC loops	Signaling line circuit (SLC). Supports up to 159 IDP Fike sensors and 159 IDP Fike modules. Additional SLC loops can be added to increase overall point capacity.	PR459162CoC
Optional SLC loop expander, model FIK-6815- SBUS module	Additional FIK-6815 SLC expanders support 159 IDP Fike sensors and 159 IDP Fike modules for a maximum of 2100 points per IFP-2100 control panel. FIK-6815 supports Fike devices IDP Fike	PR459162CoC
FIK-5824 Serial/Parallel Printer Interface Module- SBUS module	Allows a printer to be attached for the on-site event logging. Maximum of four FIK-5824s per control panel.	PR459162CoC
FIK-RPS1000 Intelligent Power Module- SBUS module	Provides additional power, six Flexput™ circuits, and two Form C relays. Flexput™ circuit is 3.0A notification and auxiliary power circuits. They can be used as: Class A or B notification circuits, Class A or B initiation circuits (either 2 or 4 wire	PR459162CoC





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	detectors), or as auxiliary power (resettable, continuous, sounder base sync, or door holder).	
FIK-5496 Intelligent Power Module- SBUS module	Provides four additional Notification Appliance Circuits/Auxiliary power Provides up to 4 power-limited notification outputs rated 24 V _{dc} @ 3 A each. The total current draw from the 4 outputs and the auxiliary power must not exceed 6 amps. Standby power for 24 hours is available from 7 AH, 24 V _{dc} batteries.	PR459162CoC
FIK-RA2000 LCD Alarm Annunciator- SBUS module	4x40 LCD annunciator. Same operation, similar appearance as on-board annunciator. Any combination of supported annunciators for a max of 63. 25ma Standby 50ma Alarm	PR459162CoC
FIK-RA1000R LCD Alarm	4x20 LCD annunciator. Any combination of supported annunciators for a max of 31	PR459162CoC
FIK-RA100 LCD Alarm Annunciator- SBUS module	4x20 LCD annunciator. Any combination of supported annunciators for a max of 31	PR459162CoC
FIK-5865-3 and FIK-5865-4 LED Annunciator- SBUS module	LED annunciator can display up to 30 LEDs (15 red and 15 yellow). FIK-5865-4 has key switches for silence and reset, and a system trouble LED. 35ma Standby 145ma Alarm	PR459162CoC
FIK-5880 LED I/O Module- SBUS module	Driver for up to 40 LEDs. Interfaces with customized annunciator boards. 35m Standby 200ma Alarm In addition, the FIK-5880 has eight generic switch input points.	PR459162CoC
FIK-5883 General Purpose Relay Module	Provides 10 Form C relays. Designed to be driven by the FIK-5880. Up to four, FIK-5883s can be used with each FIK-5880 module. 0ma Standby 200ma Alarm	PR459162CoC
Conventional detectors	2-wire & 4-wire detectors with compatibility ID 24N	PR459162CoC
Communication loop	Built-in dual phone line, digital alarm communicator/transmitter (DACT)	PR459162CoC





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Rechargeable batteries: pair, 24VDC	17AH, 18AH, 24AH, 33AH, 35AH, 40AH, 55AH.	PR459162CoC
RBB box	Remote Battery Box for mounting backup batteries up to 35AH	3059934
AB-55 box	Remote Battery Box for mounting backup batteries up to 55AH	3059934

Compatible SLC Devices are:

Models	Description	FM Reference #
System sensor	2151 (B401),-2151T (B401),	3059934

Compatible FIKE SLC Devices

Models	Description	FM Reference #
FIK-M500R	Intelligent Relay Module	PR459209
FIK-M502M	Intelligent Zone Module	PR459209
FIK-M500DM	Intelligent Dual Monitor Module	PR459209
FIK-M500X and IDP-ISO-6	Isolator Modules	PR459209 (FIK-M500X) 3059934 (IDP-ISO-6)
FIK-CR-6	Intelligent Multi-Relay Module	PR459209
FIK-SC-6	Intelligent Multi-Control Module	PR459209
FIK-M500MR-2	Intelligent Multi module with 2 relay outputs & 2 monitor inputs	PR459209
FIK-CZ-6	Intelligent Multi-Zone Interface Module	PR459209
FIK-IM-10	Intelligent Multi-Monitor Module	PR459209
FIK-M500M	Intelligent Monitor Module	PR459209



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FIK-2351 and FIK-2351R	Intelligent Photo Detectors	PR459209
FIK-2351T	Intelligent Photo Detector w / Supplemental Heat	PR459209
FIK-5351	Intelligent Heat Detector (135°F)	PR459209
FIK-5351R	Intelligent Heat Detector ROR	PR459209
FIK-5351H	Intelligent Heat Detector (190°F)	PR459209
FIKE-PULL-DA	Intelligent Manual Pull Station Dual	PR459203
FIKE-PULL-SA	Intelligent Manual Pull Station Single	PR459203
FIK-M501M	Intelligent Mini-Monitor Module	PR459209
FIK-M500S	Intelligent Control Module	PR459209

Compatible FIKE SLC Devices

Models	Description	FM Reference #
FIK-NIC	Intelligent Network Interface Card- SBUS module	PR459162CoC
FIK-FSL	Single-Mode Fiber Module	PR459162CoC
FIK-FML	Multi-Mode Fiber Module	PR459162CoC

Electrical Signaling Signaling Systems (Fire) Central Station Signaling Systems

FCP-300 Addressable Fire Alarm Control Panel

The FCP Addressable Fire Alarm Control panel is an analog addressable fire control system with software revision 1.00.

Models Description

FCP-300 Fire alarm Control, 120VAC input power, 3.6A AC; 6A DC output power

FCP-300 Control panel





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FCP-300 (firmware 1.00) programmable control panel. Primary power 120 V ac. 24 V dc secondary supply; batteries to 33 AH max are available to provide required 60 hours of emergency operation.

FCP 300 Release

The FCP-300 release output circuits are rated 24Vdc, 3A. These releasing input circuits Class A Style D, supervised. The panel is provided with the releasing circuits for agent release which will actuate a 24Vdc control head or initiator-based releasing devices. The standby battery capacity up to 55AH to supply the required 24 hours of standby.

Basic System Components and Modules (up to 16 Intelligent power modules can be carried by one system) are:

Model	Description	FM Reference #
Device SLC loops	The basic FCP-300 panel contains one built in signaling line circuit (SLC), which supports up to 159 IDP or FIKE sensors and 159 IDP or FIKE. Additional SLC loops can be added to increase overall point capacity.	PR459162CoC
Device NAC circuits	6.0A of output power is available through 4 sets of terminals for notification appliance circuits or auxiliary applications. Each circuit is power limited and can source up to 3.0A (total output power for all 4 circuits must not exceed 6.0A). Class A or Class B supervision.	PR459162CoC
FIK-RA2000 LCD Alarm Annunciator- SBUS module	4x40 LCD annunciator. Same operation, similar appearance as on-board annunciator. Any combination of supported annunciators for a max of 63. 25ma Standby 50ma Alarm	PR459162CoC
RA-1000 LCD Alarm Annunciator- SBUS module	4x20 LCD annunciator. Any combination of supported annunciators for a max of 31	PR459162CoC



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FIK-RA100 LCD Alarm	4x20 LCD annunciator. Any combination of supported annunciators for an annunciator-SBIS module with a max of 31	PR459162CoC
Optional SLC loop expander, model FIK-6815- SBUS module	Additional FIK-6815 SLC expanders support 159 IDP/FIKE sensors and 159 IDP/FIKE modules for a maximum of 300 points per FCP-300 control panel. Class B wiring only.	PR459162CoC
FIK-5824 Serial/Parallel Printer Interface Module- SBUS module	Allows a printer to be attached for the on-site event logging. Maximum of four FIK-5824s per control panel. 45ma Standby 45ma Alarm	PR459162CoC
FIK-5496 Intelligent Power Module- SBUS module	FIK-5496 [software rev. P124171V1.02] Auxiliary/Notification Appliance Circuit Power Expander. Provides up to 4 power-limited notification outputs rated 24 V _{dc} @ 3 A each. The total current draw from the 4 outputs and the auxiliary power must not exceed 6 amps. Standby power for 24 hours is available from 7 AH, 24 V _{dc} batteries.	PR459162CoC
FIK-5865-3 and FIK-5865-4 LED Annunciator	LED annunciator can display up to 30 LEDs (15 red and 15 yellow). FIK-5865-4 has key switches for silence and reset, and a system trouble LED.	PR459162CoC
FIK-5880 LED I/O Module- SBUS module	Driver for up to 40 LEDs. Interfaces with customized annunciator boards. In addition, the FIK-5880 has eight generic switch input points.	PR459162CoC
Communication loop	Built-in dual phone line, digital alarm communicator/transmitter (DACT)	PR459162CoC



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Rechargeable batteries: pair, 24VDC	17AH, 18AH, 24AH, 33AH, 35AH, 40 AH, 55AH	PR459162CoC
Built in Relays	Two general purpose Form C programmable relays and one Form C Trouble Relay. Rated at 2.5A@24VDC each.	PR459162CoC
FIK-RPS1000 Intelligent Power Module	Provides additional power, six Flexput™ circuits, and two Form C relays. Flexput™ circuit is 3.0A notification and auxiliary power circuits. They can be used as: Class A or B notification circuits, Class A or B initiation circuits (either 2 or 4 wire detectors), or as auxiliary power (resettable, continuous, sounder base sync, or door holder).	PR459162CoC
RBB box	Remote Battery Box for mounting backup batteries up to 35AH	3059934

Compatible FIKE SLC Devices

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FIK-M502M	Intelligent Zone Module	PR459209
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FIK-M500X and IDP-ISO-6	Isolator Modules	PR459209 (FIK-M500X) 3059934 (IDP-ISO-6)
FIK-CR-6	Intelligent Multi-Relay Module	PR459209
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FIK-M500MR-2	Intelligent Multi module with 2 relay outputs & 2 monitor inputs	PR459209
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FIK-IM-10	Intelligent Multi-Monitor Module	PR459209



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FIK-M500M	Intelligent Monitor Module	PR459209
FIK-2351 and FIK-2351R	Intelligent Photo Detectors	PR459209
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FIK-M501M	Intelligent Mini-Monitor Module	PR459209
FIK-M500S	Intelligent Control Module	PR459209

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FIK-FML	Multi-Mode Fiber Module	PR459162CoC



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