VESDA LCD PROGRAMMER

UL S5198, ULC S7554, FM 1DOA4.AY, LPC, SSL, VdS

Data Sheet

DESCRIPTION

The Programmer Module allows direct access to all VESDAnet devices on a VESDA smoke detection system. It allows configuration and status reporting of detectors, displays and interfaces and is required when installing, commissioning and maintaining a VESDA network. By incorporating a user friendly menu, navigation through the comprehensive features of VESDAnet is convenient and simple.

The programmer module is available as a handheld device or can be mounted into a LaserPLUS or LaserSCANNER detector, a remote mounting box or a 19in sub rack.

The two rows of large push buttons enable the user to log ON and navigate through the menu trees to the various command and parameter setting functions. The top row of keys are called "Soft Keys" and are assigned programming options appropriate to the screen being viewed.

Some of the parameters that can be accessed via the programmer include device status reporting, zone number and name allocation, flow normalization, alarm threshold setting (day, night, weekend), initiation of AutoLearn™, wiring order, relay testing and event log review.

Up to 14 assigned Users or Administrators with an individual 4 digit Personal Identification Number (PIN), and one Distributor, can log onto a VESDAnet system under one of three levels of access which are password protected.

User (USR) is only able to view parameters, check status, alarms and reset the system.

Administrator (ADM) has access to most commands and programming parameters.

Distributor (DST) is the topmost level and has unlimited access to all commands and parameters in the system.

Lost PIN numbers can be overcome by obtaining a once only pass number from your VESDA distributor.

The programmer automatically logs OFF when not in use for more than 10 minutes. The user is prompted with a beeping sound at 1 minute and at 15 seconds before log OFF. Any key may be pressed to cancel the automatic log OFF process.

PROGRAMMING FUNCTIONS

- System Configuration
- Detector Zone Configuration and set up
- Detector Zone Control
- System Status
- Smoke Threshold and Detector Sensitivity Settings
- Event Log Interrogation
- Commissioning and Testing
- Set Date and Time
- Referencing
- AutoLearn™
- Passwords and User Configuration
- System Fault Diagnostic

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FEATURES

- User Friendly Menu System
- Supports Multiple Languages
- Single Point Access to Entire VESDAnet System
- Alarm and Fault Simulation
- Shows Wiring Order
- Locates Communications Failures
- Password Security
- Hand Held or Remote Mounting
- Automatic Logoff when Inactive
- Backlit LCD Screen

SPECIFICATIONS

Supply Voltage: 18 to 30VDC

		Module	Hand Held	Remote
Power (W) @ 24VDC	Min.	0.6W	1.3W	1.3W
	Max.	2.3W	3.0W	3.0W
Current (mA) @ 24VDC	Min.	20mA	50mA	50mA
	Max.	80mA	110mA	110mA
Dimensions (WHD)	In.	3 x 5.1 x 1.21	4.1 x 5.3 x 2.4	5.5 x 5.9 x 3.5
	Mm.	98 x 130 x 30	105 x 135 x 60	140 x 150 x 90
Connections		Terminal connector to Head Processor Card or to expansion connector on another VESDA device	15 pin D-type connector. VESDAnet cable required connect to detector or remote VESDAnet socket	RS485 VESDAnet field wiring. To Screw terminal blocks (30-12 AWG, 0.2-2.5mm2)

Screen Display Size: 2.75in x 1.45in (70mm x 37mm), full graphic display, large characters, 8 lines, 21 characters per line, adjustable backlit screen with contrast control

Inactivity Time Out: 10 minutes (defaults to log on screen). Beeps at 1 minutes and then 15 seconds before logoff

Push Button Keys: 2 rows x 4 keys, each 0.75in x 0.50in (19mm x 12mm)

Security Access: 3 characters user ID
4 digit personal identification number (PIN) per User Number of User Levels: 10 USR, 3 ADM, 1 DST
Default ID:
USR- User (operator level)
ADM - Administrator (access most functions)
DST - VESDA distributor (access all functions)

Operating Temperature: Ambient: 32° to 103°F (0° to 39°C)
Humidity: 10 - 99% RH, non-condensing

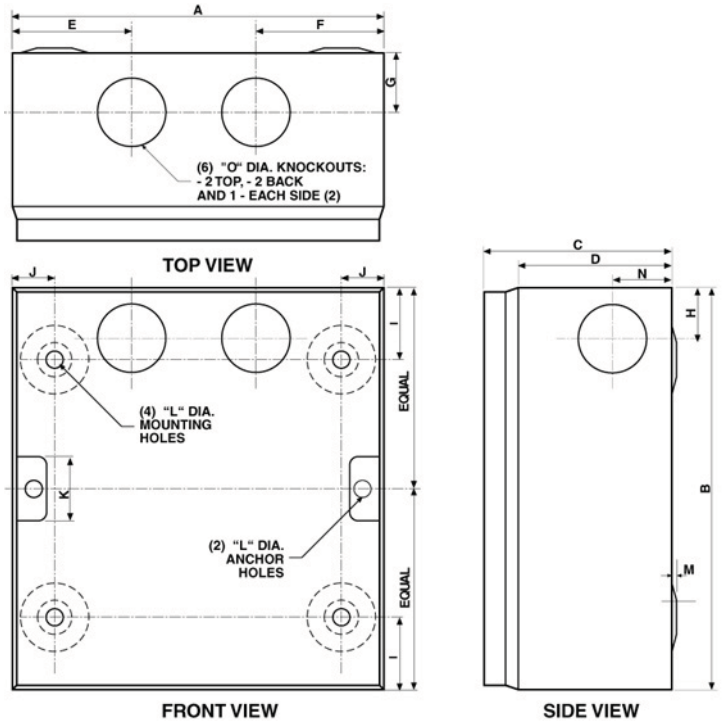
System Functions Accessed:
Status & software version
Descriptive Alarm & Faults
Smoke & Flow readings
Push-Button lockout
Display name (21 chars)
Alarm Thresholds (Alert, Action, Fire 1 & Fire 2)
Alarm delays (0-60 seconds)
Day/Night/Weekend/Holiday Options
Event Log (up to 18,000 events)
Zone number and name (21 chars)
Pipes in use (pipe 1 to 4)
Aspirator Speed & Flow control
Confirmation of filter change
Relay configuration
Referencing
AutoLearn™

Addressed Devices: 250 VESDA devices maximum

VESDA Addressed Devices:

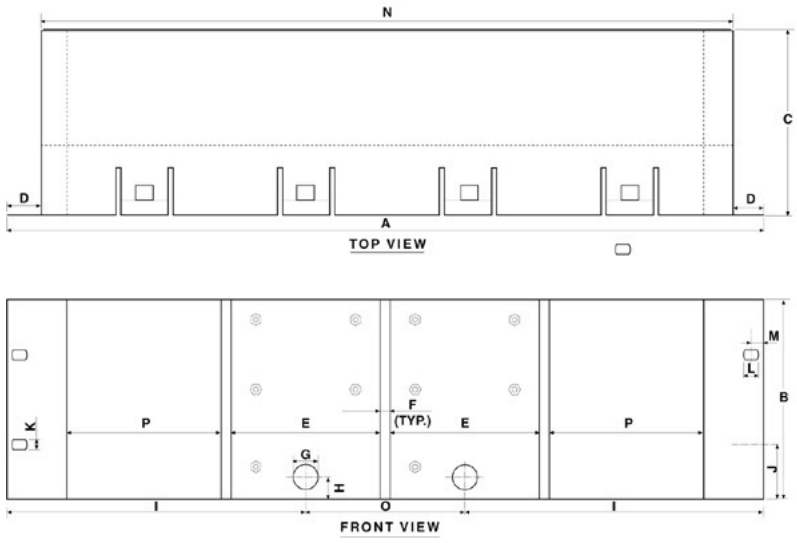
LaserPLUS	Detectors & Displays
LaserSCANNER	Detectors & Displays
LaserCOMPACT	Detectors & Displays
HLI (High Level Interface)	LaserFOCUS with Vnet card
Relay modules	Remote Relays

REMOTE MOUNTING BOX



Dimensions		
	in	mm
A	5.5	140
B	5.9	150
C	2.75	70
D	2.36	60
E	1.75	44.5
F	1.9	48
G	.9	23
H	.98	25
I	1.1	27.5
J	.65	16.5
K	.98	25
L	.25	6.4
M	.06	1.6
N	.91	23
O	1.0	26

19" SUB RACK



Dimensions		
	in	mm
A	19	482
B	5	128
C	4.75	120
D	.82	21
E	3.82	97.2
F	.25	6.4
G	.62	16
H	.56	14
I	7.50	190
J	1.4	36
K	.28	7
L	.39	10
M	.31	8
N	17.37	440
O	4	102
P	4	98.5

ORDERING INFORMATION

Fike Part Number	Manufacturers Part Number	Description
68-026	VSP-001	Programmer Module (Mounts to LaserPLUS or LaserSCANNER)
68-030	VRT-100	Programmer with Remote Termination Card, No Relay (Remote Mount)

Form No. V.1.03.01-1 April, 2008 Specifications are subject to change without notice.