

Device Accessories

Device Programmer / Test Unit Models DPU | DPU-C1 | DPU-RPT

Architect & Engineer Specifications

- ❑ Programs and addresses devices compatible with various Siemens Fire Safety control panels
- ❑ Compact and portable
- ❑ Up to four hours continuous use on fully charged batteries
- ❑ FLASH memory for easy download and software upgrades
- ❑ Operates with `NiMH` rechargeable batteries (included) or `AA` Alkaline
- ❑ Auxiliary Current (AC) adaptor included
- ❑ Carrying case (DPU-C1) available, ordered separately
- ❑ Serves as a loop tester and ground-fault detector
- ❑ Works with optional label printer (DPU-RPT) to print loop-detector addresses
- ❑ UL Listed, ULC Listed
- ❑ CSFM (#7272-0067:223 | #7300-0067:226 | #3240-0067:230) Approved

Product Overview

The Device Programmer / Test Unit (Model DPU) is a powerful programming / test tool that expedites installation of devices used on Siemens 50-point | 252-point | 504-point addressable systems, as well as FireFinder and MXL panels.

A portable, compact, and menu-driven component, Model DPU programs addresses into FACP-compatible devices, and tests them to ensure proper operation prior to installation.

Prior to connecting a device circuit to the control panel, the loop from Model DPU can be operated (AC power must be used for this operation). This looping process shall allow for ground-fault detection, as well as debugging the circuit.

Additional orderable parts include Model DPU-RPT, which has a label printer and a larger carrying case for Models DPU and DPU-PRT-CBL; as well as Model DPU-C1, which is a carrying case for the Model DPU.

Specifications

Each device programmer / test unit electronically programs the address for the device into its non-volatile memory. Model DPU subsequently tests the device's functionality, assuring the installer the device works properly prior to installation.

Model DPU has a liquid-crystal display (LCD) screen with keypad that prompts the installer through an easy-to-use program, and test menus that take little-to-no-training for first-time users.

Model DPU is supplied with `NiMH` rechargeable batteries and an AC power supply, and will operate in either battery or AC modes. The batteries are easily exchanged with off-the-shelf Alkaline (AA) batteries.

To program and test a detector, simply insert the detector in the integrated DB-11 base of Model DPU. Enter the device address as prompted on the backlit LCD display of Model DPU.

The address automatically increments to the next address for ease of addressing multiple devices, but the user can easily insert a different address if desired. The user also has the option of entering a loop number if they are printing labels at the same time.



Model DPU
Device Programmer / Test Unit



Specifications

Using the optional label printer is as simple as programming Model DPU to the number of labels that are required. The labels will automatically print as the devices are programmed, and the label maker is operated on AC power.

There is also an option to perform a loop test; however, Model DPU will only operate with AC power in this mode, due to power consumption. Model DPU will display the addresses and the device type, a summary count of devices (by type) communicating on that loop, and indicate addresses that have no device and if the devices are in alarm. The operator can also use Model DPU to detect ground faults on the device loop.

Model DPU is backward compatible for use with MXL devices. A simple menu selection moves you to the MXL mode, and allows for device testing and programming. Model DPU does not perform loop and ground-fault tests in the MXL mode; this feature only works for H-series of FireFinder XLS devices.

Model DPU has an integral Model DB-11 base for detector programming and testing, storage compartment for the programming cable that is used for other devices and comes with a DB-3 base adapter for use with Model IL-series detectors used on MXL systems. Also included is the power supply used for AC operation and battery charging.

The battery compartment is easily opened for battery replacement. The compartment contains a switch to turn off the charging circuit when using alkaline (AA) batteries. The Model DPU-RPT package includes a printer and carrying case.

| Details for Ordering | | |
|----------------------|-------------|----------------------------------|
| Model or Type | Part Number | Product |
| DPU | 500-033260 | Device Programmer / Test Unit |
| DPU-C1 | 500-033990 | Carrying Case |
| DPU-RPT | 500-034020 | Larger Carrying Case and Printer |

NOTICE – The information contained in this data-sheet document is intended only as a summary, and is subject to change without notice. The product(s) described here has/have a specific instruction sheet(s) that cover various technical, limitation and liability information.

Copies of install-type, instruction sheets – as well as the *General Product Warning and Limitations* document, which also contains important data, are provided with the product, and are available from the Manufacturer.

Data contained in the aforesaid type of documentation should be consulted with a fire-safety professional before specifying or using the product.

Any further questions or assistance concerning particular problems that might arise, relative to the proper functioning of the equipment, please contact the Manufacturer.

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