Software
DFF-099: Flash Loader Key

Description
The DFF-099 Flash Loader uses credits to upgrade Delta Controls products running V2 firmware or Modbus or when using Flash Loader (V3.30 Release 3 and higher). The hardware key comes with 50 credits initially, additional credits can be ordered in blocks of 50.

Modbus Specific Information
Modbus can be field loaded into any controller with V3.30 Release 2 firmware and higher and with larger memory (8 megabits). The maximum amount of 5Modbus units can be loaded into these controllers.

Modbus Gateways (see below) that are preloaded with Modbus can be flash loaded in the field to support additional Modbus units. Up to a maximum of 30 units can be loaded into a Gateway.

Model and Description
DSM-RTR-MOD30—Router for up to 30 MOD devices

DSM-T0B-MOD5-K1A—RC Gateway for 5 MOD devices

Ordering
Order the Flash Key according to the following product numbers:

DFF099-KEY—Flash Loader Key with 50 credits

DFF099-CDT—Flash Loader Credits (blocks of 50)

Application
The DFF-099 hardware key allows anyone to flash Delta Controls product running V2 firmware or Modbus using Flash Loader. As each product is flashed, the credits on the hardware key are reduced by a defined amount. Depleted flash keys can be returned or additional credits can be purchased.

Features
—Flash Loader uses credits for Delta Controls product upgrades

—Additional credits available in blocks of 50

—One hardware key for all product upgrades

Specifications

Hardware
USB Key

Operating Systems
Windows 95/98/NT/2000/XP/2003 Server

Credits

Upgrade Type	Credits
Modbus Unit (per Modbus device)	10
V2-V3 DCU Firmware	36
V2 - V3 DAC Firmware (includes DVC)	2
eweb	40

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