



# Application Note

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**Product Family:** DirectLogic PLCs

**Number:** KB-MISC-004

**Subject:** How to reset a DirectLogic PLC that is Password Protected

**Date Issued:** December 02, 2025

**Revision:** V3.0

The following procedure will only work on DirectLogic CPUs listed below, and with the corresponding listed or higher firmware version.

PLC Model	Firmware Version
D0-05AA	V5.41
D0-05AD	
D0-05AR	
D0-05DA	
D0-05DD	
D0-05DD-D	
D0-05DR	
D0-05DR-D	
D0-06AA	V2.72
D0-06AR	
D0-06DA	
D0-06DD1	
D0-06DD1-D	
D0-06DD2	
D0-06DD2-D	
D0-06DR	
D0-06DR-D	
D2-250-1	V4.91
D2-260	V2.71
D2-262	V1.06
D4-454	V1.04



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## If your PLC's firmware is below the minimal firmware revision

You will need to update the PLC's firmware. You don't need the PLC's password to update the firmware. The latest firmware can be downloaded from [DirectSoft's download page](#), under the **Product Firmware** section.

**Software & Firmware Downloads**

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PLC Programming for DirectLogic Series Processors

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Current Version : 6.3

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DETAILS

Version: 6.3

Date Released: Dec 12, 2018

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SYSTEM REQUIREMENTS

PRODUCT FIRMWARE

PRODUCT FIRMWARE

+ DL05/06

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+ DL105

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+ DL305

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**Technical Assistance:** If you have questions regarding this Application Note, please contact [Technical Support](#) for further assistance.

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## Before you start:

**This method of reset will erase the password AND the entire PLC project, the PLC will be completely blank.**

- You must have physical access to the PLC and the CPU mode switch.
- The PLC cannot be in password lockout mode when starting this procedure. If the PLC is in password lockout (from 3 failed password entry attempts), the PLC must be power cycled, or you must wait more than 3 hours (if the PLC cannot be power cycled).
- You will need the DirectSoft PLC programming software and the appropriate communication cable for your PLC.

## Resetting the Password and PLC project:

- Disconnect the programming software from the PLC
- At any time, you can switch the Run/Stop switch from TERM to STOP 5 times within 10 seconds time frame.
- Attempt to connect to the PLC with DirectSoft.
- Enter in the following password: **7c262a97**
- If the clear procedure was completed correctly, you should be online with a blank CPU.

**Note:** If the switch transition was not completed correctly and/or not within the 10 second timeframe, the PLC will return a bad password error. The PLC should be powered off and attempt the procedure again.