

# LCLS PLC Hardware Manuals

# LCLS PLC Hardware

## Inventory

## Development Environment

## Applications

- [ Magnet Protection System|LCLS Magnet PLC Protection System]
- [ Vacuum System|LCLS Vacuum PLC]
- [Personal Protection System](#)
- [Water System](#)

| Allen-Bradley Hardware Manuals |                                                |                                                                                                                                                                                                               |
|--------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                          | Description                                    |                                                                                                                                                                                                               |
| 1756-A7/B                      | [ 7-Slot ControlLogix Chassis                  | <a href="http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in052_-en-p.pdf">http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in052_-en-p.pdf</a> ] |
| 1756-L61/A                     | [ ControlLogix Controller                      | <a href="http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um001_-en-p.pdf">http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um001_-en-p.pdf</a> ] |
| 1756-PA72/C                    | [ Control Logic Power Supply                   | <a href="http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in078_-en-p.pdf">http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in078_-en-p.pdf</a> ] |
| xxxx                           | [ Programmer Cable                             | <a href="http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in046_-en-p.pdf">http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in046_-en-p.pdf</a> ] |
| 1756-ENBT/A                    | [ EtherNet/IP Module                           | <a href="http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/enet-um001_-en-p.pdf">http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/enet-um001_-en-p.pdf</a> ] |
| 1756-OB16I/A                   | [ DC (10-30V) Isolated Output Module           | <a href="http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in512_-en-p.pdf">http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in512_-en-p.pdf</a> ] |
| 1756-IB16I/A                   | [ DC (10-30V) Isolated Input Module            | <a href="http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um058_-en-p.pdf">http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um058_-en-p.pdf</a> ] |
| 1756-IF6I                      | [ Analog input module with 6 isolated inputs   | <a href="http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um009_-en-p.pdf">http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um009_-en-p.pdf</a> ] |
| 1756-OF6VI                     | [ Analog output module with 6 isolated outputs | <a href="http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um009_-en-p.pdf">http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um009_-en-p.pdf</a> ] |
| 2711-T6C16/L1 Series B         | [ PanelView 600 Display                        | <a href="http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/2711-um014_-en-p.pdf">http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/2711-um014_-en-p.pdf</a> ] |
| 9324-RLD700NXENE               | RSLogix 5000 Professional Software             |                                                                                                                                                                                                               |
| xxxxx                          | PanelView Professional Software                |                                                                                                                                                                                                               |

Notes:

- [Allen-Bradley PLC Model 1756-rn011 Notes](#)
- [AllenBradley PLC Model 1756-rn608 Redundancy System](#)

| IDEC Hardware Manuals |                                                                                                                                                                                                                                   |                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Model                 | Description                                                                                                                                                                                                                       |                 |
| FC5A-D16RK1           | Processor w/81/80                                                                                                                                                                                                                 | Ethernet Module |
| FC4A-HPC1             | RS232 Module                                                                                                                                                                                                                      |                 |
| [ FCA-ENET            | <a href="http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/idec/WebServerModuleManual.pdf">http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/idec/WebServerModuleManual.pdf</a> ] |                 |
| FC4A-J8C1             | 8 Channel Analog Inupt (differential)                                                                                                                                                                                             |                 |
| FC4A-K2C1             | 2 Channel Analog Output                                                                                                                                                                                                           |                 |
| FC4A-N16B3            | 16 Channel Digital Input                                                                                                                                                                                                          |                 |
| FC4A-N16S3            | 16 Channel Digital Output                                                                                                                                                                                                         |                 |
| HG3F-FT22TFB          | 10.4 Inch Touch Panel                                                                                                                                                                                                             |                 |
| BX1D-S20A             | Terminal Block                                                                                                                                                                                                                    |                 |
| FC9Z-H100A20          | Terminal Block Cable                                                                                                                                                                                                              |                 |
| FC4A-KC2CA            | PLC to Touch Panel Cable                                                                                                                                                                                                          |                 |
|                       | Ladder Logic Software                                                                                                                                                                                                             |                 |
|                       | Touch Panel Software                                                                                                                                                                                                              |                 |

