

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	http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in052_-en-p.pdf]
1756-L61/A	[ControlLogix Controller	http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um001_-en-p.pdf]
1756-PA72/C	[Control Logic Power Supply	http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in078_-en-p.pdf]
xxxx	[Programmer Cable	http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in046_-en-p.pdf]
1756-ENBT/A	[EtherNet/IP Module	http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/enet-um001_-en-p.pdf]
1756-OB16I/A	[DC (10-30V) Isolated Output Module	http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-in512_-en-p.pdf]
1756-IB16I/A	[DC (10-30V) Isolated Input Module	http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um058_-en-p.pdf]
1756-IF6I	[Analog input module with 6 isolated inputs	http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um009_-en-p.pdf]
1756-OF6VI	[Analog output module with 6 isolated outputs	http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/1756-um009_-en-p.pdf]
2711-T6C16/L1 Series B	[PanelView 600 Display	http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/2711-um014_-en-p.pdf]
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	http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/plc/idec/WebServerModuleManual.pdf]	
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	

