

1756-A13

ControlLogix 13-slot Standard Chassis

PRODUCT TECHNICAL REFERENCE

Allen-Bradley 1756-A13 is a 13-slot standard ControlLogix chassis. Its backplane provides the physical module positions, communication path and distributed operating power for an installed ControlLogix system.

OFFICIAL SOURCE

1756 ControlLogix Chassis Specifications Technical Data | 1756-TD006G-EN-E, October 2024

Verified technical profile

ControlLogix 13-slot Standard Chassis

Chassis type	Standard ControlLogix
Module slots	13
Mounting	Horizontal back-panel
Enclosure type	Open style
Maximum power dissipation	5.4 W
Backplane current at 1.2 V DC	1.5 A chassis; 1.5 A per slot
Backplane current at 3.3 V DC	4 A chassis; 4 A per slot
Backplane current at 5.1 V DC	15 A chassis; 6 A per slot
Backplane current at 24 V DC	2.8 A chassis; 2.8 A per slot
Empty-slot filler	1756-N2
Series B operating temperature	0 to 60 deg C
Series C operating temperature	-25 to 60 deg C

Only values traceable to the listed manufacturer source are treated as verified technical data.

System role and engineering boundaries

Allen-Bradley 1756-A13 is a 13-slot standard ControlLogix chassis. Its backplane provides the physical module positions, communication path and distributed operating power for an installed ControlLogix system.

1

Provides thirteen standard ControlLogix module positions

2

Distributes supply rails through the chassis backplane

3

Carries module-to-module ControlBus communications

4

Supports a documented, serviceable controller and I/O assembly

ENGINEERING NOTE

Mount 1756-A13 horizontally on a rigid back panel and verify the chassis series, power-supply capacity and planned slot allocation before installation. Fit 1756-N2 fillers in unused positions and validate backplane recognition after any module exchange.

Industrial application matrix

Four source-supported operating contexts for this exact product.

Large ControlLogix controller stations Provides the physical backplane for multi-module controller, network and I/O configurations.	Process-control rack expansion Supports engineered combinations of communication and specialty modules in a standard enclosure.
Machine-control modernization Provides a defined thirteen-slot platform when migrating a documented ControlLogix installation.	Redundant-system infrastructure Houses the specific controller and communication arrangement selected by the approved project design.

Related-series navigation

Eight verified Apter Power product pages, kept separate from the manufacturer source record.

RELATED APTER POWER SERIES PAGES	
01	1756-A10 ControlLogix chassis
02	1756-PA75 ControlLogix power supply
03	1756-IF8 analog input module
04	1756-OF8 analog output module
05	1756-OB32 digital output module
06	1756-ENBT/A EtherNet/IP module
07	1756-IA16I isolated AC input
08	1756-L71 ControlLogix controller

Navigation links only - not manufacturer evidence for technical parameters.

SOURCE RECORD

1756 ControlLogix Chassis Specifications Technical Data | 1756-TD006G-EN-E, October 2024

APTER POWER SALES TEAM

WHATSAPP / PHONE
+86 180 3023 5313

EMAIL
sales13@apterpower.com

WEBSITE
www.apterpower.com



1756-A13