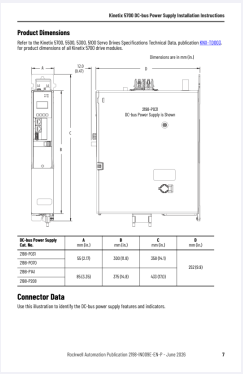
FIELD INSTALLATION QUICK GUIDE

Installation Instructions

2198-P141

DC-bus power supply



Kinetix 5700 DC-bus Power Supply Installation Instructions

Product Dimensions

Refer to the Kinetix 5700, 5500, 5300, 5500 Servo Drives Specifications Technical Data, publication 850-TD003, for product dimensions of all Kinetix 5700 drive modules.

Dimensions are in mm (in.)

DC-bus Power Supply Cat. No.	A mm (in.)	B mm (in.)	C mm (in.)	D mm (in.)
2198-P141	55 (2.17)	330 (0.8)	284 (4.9)	22 (15.8)
2198-P170				
2198-P142	85 (3.35)	275 (4.4)	420 (5.93)	
2198-P208				

Connector Data

Use this illustration to identify the DC-bus power supply features and indicators.

Rockwell Automation Publication 2198-IN008E-EN-P – June 2020 7

PRODUCT	2198-P141
FAMILY	Kinetix 5700 DC-bus power supply
FUNCTION	DC-bus power supply
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Allen-Bradley documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Input voltage	195...528 V AC rms, three-phase
Continuous output power	31 kW
Continuous output current	46.9 A DC rms
Module width	85 mm
Overall height	433 mm
Overall depth	252 mm

02 PREPARATION AND CONNECTION

- Confirm the complete 2198-P141 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

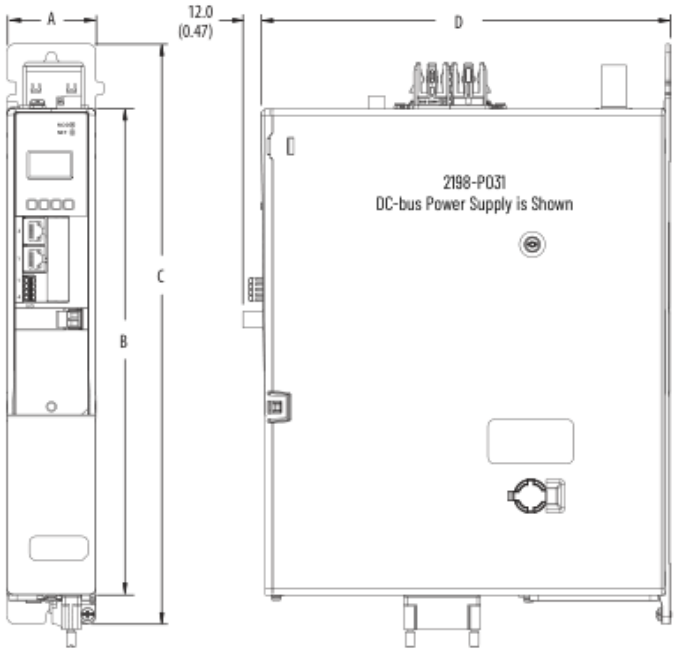
03

OFFICIAL INSTALLATION REFERENCE

Product Dimensions

Refer to the Kinetix 5700, 5500, 5300, 5100 Servo Drives Specifications Technical Data, publication KNX-TD003, for product dimensions of all Kinetix 5700 drive modules.

Dimensions are in mm (in.)



DC-bus Power Supply Cat. No.	A mm (in.)	B mm (in.)	C mm (in.)	D mm (in.)
2198-P031	55 (2.17)	300 (11.8)	358 (14.1)	252 (9.9)
2198-P070				
2198-P141	85 (3.35)	375 (14.8)	433 (17.0)	
2198-P208				

Connector Data

Use this illustration to identify the DC-bus power supply features and indicators.

Official manufacturer page reproduced at its original aspect ratio.

04 COMMISSIONING CHECKS

01	Confirm product identity and mechanical seating.
02	Verify the documented supply before energising.
03	Inspect polarity, shielding and protective-earth connections.
04	Restore power in the approved sequence and observe status indications.
05	Test each connected input, output or communication path.
06	Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Rockwell Automation 2198-IN009E-EN-P, Kinetix 5700 DC-bus Power Supply Installation Instructions
Product record	2198-P141
Manufacturer	Allen-Bradley
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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