

ABB ROBOTS

Product Data Sheet

3HAC17282-1/07A

industrial servo drive

FUNCTION industrial servo drive	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.36 kg
---	-----------------------------	-------------------------	--------------------------

ABB Robots 3HAC17282-1/07A is a industrial servo drive for the ABB Robots. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Exact Article Code	3HAC17282-1/07A
Product Family	ABB Robots
Component Type	Industrial Servo Drive
Assembly Class	ABB PCB assembly
System Interface	ABB Robots control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board
Signal Domain	Control and diagnostic signals
Service Position	Documented rack slot

Configuration Basis	Installed ABB hardware list
Replacement Basis	Exact article and board revision
Protective Check	ESD and protective-earth control
Commissioning Check	Power-up diagnostics and function test
Maintenance Identity	3HAC17282-1/07A controlled service identity

- Route press sequencing with Industrial Servo process control: During operation of the feed systems, dies and safety interfaces, 3HAC17282-1/07A supports the configured automation role as a industrial servo drive. During part change, the system uses this function to apply the selected product recipe to the sequence, helping it produce the intended part without skipping an interlock.
- Integrate form-fill-seal with Industrial Servo: Inside the film feed, sealing jaws and discharge belts, 3HAC17282-1/07A provides its specified system function as a industrial servo drive. During speed ramp, the system uses this function to correct material position before sealing or cutting, helping it keep seals and cuts aligned with the product.
- Synchronize powertrain assembly with Industrial Servo: As part of the machining cells and pallet systems, 3HAC17282-1/07A provides its specified system function as a industrial servo drive. During quality-hold release, the system uses this function to hand off part identity with the machine sequence, helping it retain traceability at the next operation.

Match 3HAC17282-1/07A to the installed ABB Robots, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB Robots documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM