

ABB ROBOTS

Product Data Sheet

3HAC16917-1/00 ABBFLD25P-64H

industrial flash drive

FUNCTION industrial flash drive	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.12 kg
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ABB Robots 3HAC16917-1/00 ABBFLD25P-64H is a industrial flash drive for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Model	3HAC16917-1/00
Type	Flash Drive
Capacity	64GB
Interface	USB
Temperature Range	-20°C to 70°C
Exact Article Code	3HAC16917-1/00 ABBFLD25P-64H
Board Designation	ABBFLD25P-64H
Product Family	ABB Robots
Component Type	Industrial Flash 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

- Align strip transport with Industrial Flash process control: As part of the bridle rolls and coilers, 3HAC16917-1/00 ABBFLD25P-64H performs its assigned control role as a industrial flash drive. During threading, the system uses this function to balance speed and torque between connected sections, helping it maintain strip tension through the line.
- Stabilize robotic handling with Industrial Flash: As part of the robots, grippers and transfer fixtures, 3HAC16917-1/00 ABBFLD25P-64H handles its designated signal or control duty as a industrial flash drive. During fault recovery, the system uses this function to restore the cell from a defined intermediate state, helping it resume material flow without losing part identity.
- Sequence web transport with Industrial Flash process control: In the automation chain for the unwinders, dancers and pull rolls, 3HAC16917-1/00 ABBFLD25P-64H supports the configured automation role as a industrial flash drive. During format change, the system uses this function to synchronize the driven sections with product position, helping it protect web tension and print registration.

Match 3HAC16917-1/00 ABBFLD25P-64H 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