

ABB ROBOTS

Product Data Sheet

3HAC026253-001

dsqc 661 system power supply

FUNCTION	FAMILY	ORIGIN	WEIGHT
dsqc 661 system power supply	ABB Robots	Sweden	1.80 kg

ABB Robots 3HAC026253-001 is a dsvc 661 system power supply for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

ABB Type	DSQC 661
Component Function	System power supply
Controller Family	IRC5
Installation Location	Controller cabinet
Removal Safety	Disconnect mains power before cabinet work
Service Equipment	ABB standard toolkit
Exact Article Code	3HAC026253-001
Product Family	ABB Robots
Component Type	Dsvc 661 System Power Supply
Assembly Class	ABB PCB assembly

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Govern chemical dosing with Dsqc 661 process control: As part of the metering pumps and contact tanks, 3HAC026253-001 serves its documented function as a dsqc 661 system power supply. During dose-setpoint correction, the system uses this function to match reagent flow to the measured process load, helping it keep treatment chemistry inside its operating target.
- Integrate cooling-water circulation with Dsqc 661: Across the circulating pumps and heat exchangers, 3HAC026253-001 serves its documented function as a dsqc 661 system power supply. During controlled shutdown, the system uses this function to sequence redundant equipment around the operating unit, helping it keep heat rejection available to the process.
- Control ingredient dosing with Dsqc 661 process control: Across the batch vessels and dosing valves, 3HAC026253-001 serves its documented function as a dsqc 661 system power supply. During batch release, the system uses this function to align measured quantities with the active batch step, helping it hold dosing accuracy through the cycle.

SYSTEM COMPATIBILITY

Match 3HAC026253-001 to the installed ABB Robots, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Robots documentation](#)

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

AMIKON PRODUCT SUPPORT

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