

ABB ROBOTS

Product Data Sheet

3HAC5518-1 DB15 1239

bus cable db15

FUNCTION bus cable db15	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.40 kg
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ABB Robots 3HAC5518-1 DB15 1239 is a bus cable db15 for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Bend Radius	≥ 75 mm
Operating Temp.	-25°C to +70°C
Flame Rating	UL/CSA CMG (Industrial Grade)
Parameter	Value
Voltage Rating	24 V DC
Current Rating	≤ 3 A
Signal Type	DeviceNet™ communication + Power supply
Conductors	11 cores (twisted pairs)
Shielding	Double-layer braided copper shield
Impedance	120 Ω

Exact Article Code	3HAC5518-1 DB15 1239
Board Designation	DB15 1239
Product Family	ABB Robots
Component Type	Bus Cable Db15
Assembly Class	ABB PCB assembly

- Observe automated storage with Bus Cable process control: As part of the stacker cranes and storage positions, 3HAC5518-1 DB15 1239 provides its specified system function as a bus cable db15. During buffer release, the system uses this function to release material according to downstream availability, helping it prevent overfilling the next buffer.
- Govern aeration control with Bus Cable process control: Across the blowers and dissolved-oxygen loops, 3HAC5518-1 DB15 1239 serves its documented function as a bus cable db15. During changing oxygen demand, the system uses this function to adjust air delivery from process feedback, helping it stabilize treatment performance.
- Synchronize paint-shop conveying with Bus Cable: Within the carrier tracking and booth interfaces, 3HAC5518-1 DB15 1239 supports the configured automation role as a bus cable db15. During carrier accumulation, the system uses this function to route carriers by production status, helping it preserve body order through the process.

Match 3HAC5518-1 DB15 1239 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>

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