

ABB ROBOTS

# Product Data Sheet

**3HAC033388-001**

harness axis 1-6 cable

|                                    |                      |                  |                    |
|------------------------------------|----------------------|------------------|--------------------|
| FUNCTION<br>harness axis 1-6 cable | FAMILY<br>ABB Robots | ORIGIN<br>Sweden | WEIGHT<br>11.95 kg |
|------------------------------------|----------------------|------------------|--------------------|

ABB Robots 3HAC033388-001 is a harness axis 1-6 cable for the ABB Robots. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                        |                        |
|------------------------|------------------------|
| Type Designation       | IRB6600                |
| Catalog Description    | Harness axis 1-6       |
| Temperature Range      | -25 °C to +80 °C       |
| Supply voltage         | 200-600 V, 50/60 Hz    |
| Power consumption      | ISO-Cube 2.6 kW        |
| Normal robot movements | 3.8 kW                 |
| Exact Article Code     | 3HAC033388-001         |
| Product Family         | ABB Robots             |
| Component Type         | Harness Axis 1-6 Cable |
| 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 |

- Balance filtration backwash with Harness Axis: Across the filter cells and backwash valves, 3HAC033388-001 handles its designated signal or control duty as a harness axis 1-6 cable. During filter loading, the system uses this function to sequence isolation, drain and rinse paths, helping it return the filter to production in a known state.
- Verify order sorting with Harness Axis process control: For the coordinated operation of the scanners, diverters and destination lanes, 3HAC033388-001 supports the configured automation role as a harness axis 1-6 cable. During priority order, the system uses this function to apply the current order priority to the routing decision, helping it complete the order path in the intended sequence.
- Supervise boiler feedwater with Harness Axis process control: Within the feed pumps and drum-level loops, 3HAC033388-001 supports the configured automation role as a harness axis 1-6 cable. During protective transfer, the system uses this function to balance flow demand with process inventory, helping it preserve the steam-water balance.

Match 3HAC033388-001 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