ABB S3 / IRB6000

Product Data Sheet

DSQC236T YB560103-CE

Robot axis drive unit

IRB6000 MAIN-AXIS ASSIGNMENT	IRB6000 OPTIONAL-AXIS ASSIGNMENT	MAIN-AXIS ELECTRICAL POSITIONS	OPTIONAL-AXIS ELECTRICAL POSITION
Axes 1, 2 and 3	**Axis 7**	**AP1, AP2 and AP3**	**AP7**

ABB DSQC236T YB560103-CE is a robot servo power unit in the S3 drive assembly. The IRB6000 service parts list specifies this T variant for axes one, two and three, with a further T unit listed for the optional seventh axis.

01 TECHNICAL DATA

IRB6000 main-axis assignment	Axes 1, 2 and 3
IRB6000 optional-axis assignment	Axis 7
Main-axis electrical positions	AP1, AP2 and AP3
Optional-axis electrical position	AP7
Drive DC supply	340 V DC, S3 drive architecture

02 ADDITIONAL PRODUCT DATA

The three main-axis units occupy AP1, AP2 and AP3, while the optional external-axis unit occupies AP7. ABB product information identifies 3HAB8802-1 as the replacement product for YB560103-CE; that part-number relationship still requires review against the installed robot configuration and revision.

03 PRODUCT FUNCTION

Integrate DSQC236T at the axis position specified by the IRB6000 cabinet documents. The S3 parts list uses the T power unit at AP1-AP3 and for the optional AP7 position, rather than the G units used for axes four through six.

04 SYSTEM COMPATIBILITY

Use the matching motor, power and feedback connections for the selected axis and retain the cabinet harness identification. Follow the robot drive isolation and discharge procedure before installing or disturbing the power unit.

05 DOCUMENT BASIS

ABB manufacturer documentation. Selected source pages: 11, 13, 16, 121, 182.

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