ABB S3 / IRB6000

Product Data Sheet

DSQC236G YB560103-CD

Robot servo power unit

IRB6000 AXIS ASSIGNMENT	IRB6000 ELECTRICAL POSITIONS	CONTROL GENERATION	DRIVE DC SUPPLY
Axes 4, 5 and 6	**AP4, AP5 and AP6**	**S3**	**340 V DC, S3 drive architecture**

ABB DSQC236G YB560103-CD is a servo power unit used in the S3 robot control system. The IRB6000 parts list assigns this G variant to axes four, five and six, distinguishing it from the T variant used for the main axes.

01 TECHNICAL DATA

IRB6000 axis assignment	Axes 4, 5 and 6
IRB6000 electrical positions	AP4, AP5 and AP6
Control generation	S3
Drive DC supply	340 V DC, S3 drive architecture

02 ADDITIONAL PRODUCT DATA

The drive units occupy electrical positions AP4, AP5 and AP6 in the documented IRB6000 arrangement. Each unit forms part of the cabinet drive assembly with its corresponding motor, feedback and power connections; the G designation and YB560103-CD board identity define this specific spare.

03 PRODUCT FUNCTION

Use DSQC236G YB560103-CD only in the robot drive arrangement that specifies the G unit. The S3 IRB6000 parts list places these units at AP4-AP6 for axes four through six, so axis assignment must follow the actual robot cabinet documents.

04 SYSTEM COMPATIBILITY

Connect the unit using the documented power, motor and feedback harnesses for that position. Preserve connector identification and protective-earth arrangements and apply the S3 electrical isolation and service procedure before entering the drive cabinet.

05 DOCUMENT BASIS

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

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**