

**B & R Automation - 8JS Synchronous Motors**

**8JSA31.E5050D800-0**



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- Get a Quote in 5 minutes
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- Up to half the cost of the manufacturer



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The **8JSA31.E5050D800-0** is a part of the **8JS Synchronous Motors Series** by **B & R Automation**.

**Specifications**

|                                   |                              |                                     |                 |                               |                   |
|-----------------------------------|------------------------------|-------------------------------------|-----------------|-------------------------------|-------------------|
| <b>Connection Direction:</b>      | Angled (swivel connector)    | <b>Contact Type:</b>                | 2 NO + 1 NC     | <b>Cooling Method:</b>        | Self-cooling      |
| <b>Depth:</b>                     | 121 mm                       | <b>Enclosure Protection Rating:</b> | IP20            | <b>Encoder Precision:</b>     | ±60 arcsec        |
| <b>Encoder Resolution:</b>        | 13/12 (bits S/M)             | <b>Encoder Revolutions:</b>         | 4096            | <b>Encoder System:</b>        | Optical EnDat 2.1 |
| <b>Encoder Turn:</b>              | Multi-turn                   | <b>Height:</b>                      | 110 mm          | <b>Holding Brake Torque:</b>  | 2.5 Nm            |
| <b>Holding Brake Type:</b>        | Standard                     | <b>Maximum Switching Voltage:</b>   | 250 V AC        | <b>Motor Length:</b>          | 1                 |
| <b>Motor Size:</b>                | 3                            | <b>Mounting Style:</b>              | Flange mounting | <b>Nominal Speed:</b>         | 5000 RPM          |
| <b>Number Of Safety Contacts:</b> | 3                            | <b>Oil Seal:</b>                    | Yes             | <b>Operating Temperature:</b> | -25 to +55°C      |
| <b>Product Type:</b>              | 8JS Series Synchronous Motor | <b>Relay Output Current:</b>        | 6 A             | <b>Response Time:</b>         | < 20 ms           |
| <b>Shaft End:</b>                 | Smooth shaft                 | <b>Supply Voltage:</b>              | 24 V DC         | <b>Width:</b>                 | 45 mm             |
| <b>Last Verified:</b>             | 05/30/2026 2:31 PM           |                                     |                 |                               |                   |

**Contact Us**

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**Shipping Options**



**Payment Methods**

