

## B & R Automation - 80SD Stepper Motor Modules

### 80SD100XD.C033-01



 **In Stock, Ships in 3-5 Days**

- ☒ Get a Quote in 5 minutes
- ☒ Parts ship in as little as 24 hours
- ☒ Up to half the cost of the manufacturer



Secure Online  
Checkout



Free Ground  
Shipping



One Year  
Warranty

The **80SD100XD.C033-01** is a part of the **80SD Stepper Motor Modules Series** by **B & R Automation**.

## Specifications

**DC Bus Capacitance:** 940  $\mu$ F  
**Enable Input Delay:** 450 ms off, 500 ms on  
**Nominal Current:** 10 A  
**Overload & Short-Circuit Protection:** Built-in  
**Peak Current per Motor:** 15 A for 2 s  
**Switching Frequency:** 38.5 kHz  
**Last Verified:** 09/04/2025 2:05 PM

**Digital Inputs:** 2 sink inputs, 24 VDC, trigger  
**Enable Input Thresholds:** Low <5 VDC, High >15 VDC  
**Operating Temperature:** 0 to 45 °C  
**Overvoltage Cutoff:** >95 VDC  
**Step Resolution:** 256 microsteps/full step  
**Undervoltage Cutoff:** <18 VDC

**Dimensions (W×H×D):** 65×134×95 mm  
**Encoder Inputs:** 2 SSI absolute, max cable 25 m  
**Overcurrent Limitation:** 8 A  
**Peak Current per Module:** 30 A  
**Supply Voltage:** 24 VDC Nominal (Max 30 VDC)  
**Weight:** 700 g

## Contact Us

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## Shipping Options



## Payment Methods



Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.