

## DZB01.1-W720N

Industrial automation components

<b>Manufacturer</b>	Indramat
<b>Catalog number</b>	dzb011-w720n
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Brand</b>	Indramat
<b>Part Number</b>	DZB01.1-W720N
<b>Product Type</b>	Auxiliary Bleeder Module
<b>Nominal Voltage</b>	24 V DC
<b>Maximum Braking Energy</b>	720 kWs
<b>Peak Power Rating</b>	200 kW
<b>Continuous Power Rating</b>	3 kW
<b>Operating Temperature Range</b>	5°C to 45°C
<b>Protection Rating</b>	IP20
<b>Internal Resistance</b>	1.8 $\Omega$

### Description

The Indramat DZB01.1-W720N is an auxiliary bleeder module designed for integration with the DKR 4.1 series of drive controllers. Operating at a nominal voltage of 24 V DC, it effectively dissipates braking energy, ensuring the safe and efficient operation of servo drive systems. This module features a built-in blower for air cooling, drawing 0.22 A at 24 V DC  $\pm 20\%$ , and has a maximum braking energy absorption of 720 kWs. With a peak power rating of 200 kW and continuous power output of 3 kW, it operates within an ambient temperature range of 5°C to 45°C. The device is housed in an enclosure with an IP20 protection rating, adhering to IEC 529/EN 60529 standards. The DZB01.1-W720N is compatible with under-grounded three-phase mains via an isolating transformer and requires an auto-transformer when input voltage does not match the rated 24 V DC. Its internal resistance is 1.8  $\Omega$ , ensuring stable braking characteristics. This module is ideal for applications requiring reliable overvoltage protection and energy dissipation in industrial drive systems.