

BZM01.3-01-07

Industrial automation components

Manufacturer	Indramat
Catalog number	bzm013-01-07
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	6.35 kgs
Product Type	Drive
Signal Type	700
Refrigerant	r911285743
Signal Level	700 V

Description

The Indramat BZM01.3-01-07 is an auxiliary bleeder module designed for integration with Bosch Rexroth's ZKS DC bus internal dynamic brake systems. This module provides a nominal output of 1.0 kW at a DC-bus voltage of 700 V, ensuring efficient energy management in industrial automation applications. It features internal air blower cooling, continuous 1 kW output, and a peak bleeder power of 40 kW, effectively handling regenerative energy. The module operates on a control voltage of DC 24 V \pm 20% and supports input voltage from 19.2 to 28.8 V with a current rating of 40 A. It is housed in a compact enclosure measuring 260 mm in height, 70 mm in length, and 360 mm in width, with a weight of approximately 7 kg. The BZM01.3-01-07 is rated IP20 for protection and has an insulation resistance exceeding 15 M Ω , ensuring reliable performance in demanding environments. This module is ideal for applications requiring efficient energy dissipation and regenerative energy management in servo drive systems.