

## BW090-P52B

Industrial automation components

<b>Manufacturer</b>	Sew-Eurodrive
<b>Catalog number</b>	bw090-p52b
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.22 kgs
<b>Power</b>	100
<b>Component Specifications</b>	bw090
<b>Resistance Value</b>	90 ohms
<b>Power Rating</b>	100 W
<b>Protection Class</b>	IP20
<b>Thermal Overload Protection</b>	Internal thermal overload protection
<b>Mounting</b>	Direct installation on MOVIDRIVE® MDX60B/61B size 0 units

### Description

The BW090-P52B is a braking resistor manufactured by Sew-Eurodrive, designed for use with MOVIDRIVE® MDX60B/61B inverters, specifically size 0 units (0005-0014). This resistor plays a crucial role in dissipating energy during motor braking, ensuring controlled and efficient stops in various industrial applications. Key features include: - **Resistance Value:** 90 ohms - **Power Rating:** 100 W - **Protection Class:** IP20 - **Thermal Overload Protection:** Internal thermal overload protection - **Mounting:** Direct installation on MOVIDRIVE® MDX60B/61B size 0 units The BW090-P52B is engineered to operate within ambient temperatures ranging from -25°C to +60°C. It's important to note that for every 10°C increase above 45°C, the power rating decreases by 4%. The resistor is designed to protect itself against regenerative overloads by abruptly increasing its resistance, thereby ceasing energy consumption. In such cases, the inverter switches off and signals a brake chopper fault (F04). Additionally, the resistor offers protection against contact (IP54) and can be mounted alongside MOVIDRIVE® units. For detailed technical specifications and installation guidelines, refer to the manufacturer's datasheet.