



## 9400 Servo Drives

### Single Drive accessories

### Brake modules

An intelligent motor brake logic system is included as standard in the axis modules' software in the form of a function block. The brake modules are available in numerous designs. The optionally integrable brake modules enable a DC 24 V, DC 180 V or DC 205 V brake to be easily connected and this logic to be used.

- ▶ For axis modules up to 23.5 A, the brake module is integrated into the installation backplane.
- ▶ For axis modules above 32 A, the brake module is integrated into the axis modules.



*Brake module, can be integrated into installation backplane*

Design		Features	Product key
<b>Integrable</b>		<b>Brake module</b>	
<b>Brake module DC 24V/ 0.3 ... 2.5A</b>		<ul style="list-style-type: none"> <li>▶ External supply of supply voltage DC 24V</li> <li>▶ Monitoring of power supply and brake cable for open circuit and short circuit</li> <li>▶ Polarity reversal protection of supply voltage</li> <li>▶ Can be integrated into the installation backplanes, up to 23.5 A</li> </ul>	E94AZHX0051
<b>Brake module DC 24V/ 1.0 ... 5.0A</b>		<ul style="list-style-type: none"> <li>▶ External supply of supply voltage DC 24V</li> <li>▶ Monitoring of power supply and brake cable for open circuit and short circuit</li> <li>▶ Polarity reversal protection of supply voltage</li> <li>▶ Can be integrated into the axis modules, from 32 A</li> </ul>	E94AZHY0101
<b>Brake module DC 180V/ 0.1 ... 0.61A</b>		<ul style="list-style-type: none"> <li>▶ External supply of supply voltage AC 400V</li> <li>▶ Monitoring of power supply and brake cable for open circuit and short circuit</li> <li>▶ Polarity reversal protection of supply voltage</li> <li>▶ Can be integrated into the axis modules, from 32 A</li> </ul>	E94AZHY0026
<b>Brake module DC 205V/ 0.1 ... 0.75A</b>		<ul style="list-style-type: none"> <li>▶ External supply of supply voltage AC 230V</li> <li>▶ Monitoring of power supply and brake cable for open circuit and short circuit</li> <li>▶ Polarity reversal protection of supply voltage</li> <li>▶ Can be integrated into the axis modules, from 32 A</li> </ul>	E94AZHY0025

The external brake modules are provided for DIN rail installation and can be used if axis modules up to 23.5 A require brake voltages of DC 180 V and DC 205 V.

Design		Features	Product key
<b>External</b>		<b>Brake module</b>	
<b>Brake module DC 180V/ 0.1 ... 0.75A</b>		<ul style="list-style-type: none"> <li>▶ External supply of supply voltage AC 400V</li> <li>▶ Monitoring of power supply and brake cable for open circuit and short circuit</li> <li>▶ Polarity reversal protection of supply voltage</li> <li>▶ Preconfigured for DIN rail mounting</li> </ul>	E94AZHN0026
<b>Brake module DC 205V/ 0.1 ... 0.75A</b>		<ul style="list-style-type: none"> <li>▶ External supply of supply voltage AC 230V</li> <li>▶ Monitoring of power supply and brake cable for open circuit and short circuit</li> <li>▶ Polarity reversal protection of supply voltage</li> <li>▶ Preconfigured for DIN rail mounting</li> </ul>	E94AZHN0025