SIEMENS

# Data sheet for Braking Module

**Article No. :** **6SL3100-1AE31-0AB1**



Figure similar

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

| Rated data | |
|---|---|
| Rated power $P_{DB}$ | 1.50 kW |
| Rated power, max. | 100.00 kW |
| Activation threshold | 770 V |

| General technical specifications | |
|---|---|
| DC link capacitance | 110 µF |
| DC link voltage | DC 510 ... 720 V |
| Power requirement at 24 V DC, max. | 0.50 A |

| Current carrying capacity | |
|---|---|
| 24V DC busbar | 20 A |
| DC link busbar | 100 A |

| Mechanical data | |
|---|---|
| Net weight | 4.1 kg (9.04 lb) |
| **Dimensions** | |
| Width | 50 mm (1.97 in) |
| Height | 380 mm (14.96 in) |
| Depth | 270 mm (10.63 in) |

| Digital inputs | |
|---|---|
| Number | 2 |
| Voltage | -3 ... 30 V |
| Low level | -3 V ... 30 V |
| High level | 15 V ... 30 V |
| Power consumption at 24 V DC, typ. | 10 mA |

| Digital outputs | |
|---|---|
| Number | 2 |
| Voltage | DC 24 V |
| Load current per digital output, max. | 100 mA |

| Connections | |
|---|---|
| **Digital inputs** | |
| Connection cross-section, max. | 1.5 mm² (16 AWG) |
| **Digital outputs** | |
| Connection cross-section, max. | 1.5 mm² (16 AWG) |
| **BrakeResistor** | |
| Cable length to braking resistor, max. | 10.0 m (32.81 ft) |

| Standards | |
|---|---|
| Compliance with standards | cURus |