

# SIEMENS

## Data sheet for Braking Module



Figure similar

MLFB-Ordering data

6SL3100-1AE31-0AB1

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

### Rated data

Rated power P <sub>db</sub>	1.50 kW
Rated power, max.	100.00 kW
Activation threshold	770 V

### General tech. 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)
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### 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 V ... 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 mm <sup>2</sup> (16 AWG)
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#### Digital outputs

Connection cross-section, max.	1.5 mm <sup>2</sup> (16 AWG)
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#### BrakeResistor

Cable length to braking resistor, max.	10.0 m (9.04 ft)
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### Standards

Compliance with standards	cURus
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