

SIEMENS

Data sheet for Braking Module



Figure similar

MLFB-Ordering data

6SL3400-1AE31-0AA1

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

| Rated data | | Digital inputs | |
|-----------------------------|---------------------------|------------------------------------|---------------|
| Rated power P _{db} | 5.00 kW | Number | 2 |
| Rated power, max. | 100.00 kW | Voltage | 24 V |
| Activation threshold | 760 V (400 V) | Low level | -3 V ... 5 V |
| | adjustable via DIP switch | High level | 15 V ... 30 V |
| | | Power consumption at 24 V DC, typ. | 10 mA |

| General tech. specifications | | Digital outputs | |
|------------------------------------|------------------|---------------------------------------|---------|
| DC link capacitance | 6 µF | Number | 3 |
| DC link voltage | DC 510 ... 720 V | Voltage | DC 24 V |
| Power requirement at 24 V DC, max. | 0.50 A | Load current per digital output, max. | 100 mA |

| Current carrying capacity | | Connections | |
|---------------------------|-------|--------------------------------|------------------------------|
| 24V DC busbar | 20 A | Digital inputs | |
| DC link busbar | 100 A | Connection cross-section, max. | 1.5 mm ² (16 AWG) |

| Mechanical data | | Digital outputs | |
|-----------------|------------------|--------------------------------|------------------------------|
| Net weight | 2.7 kg (5.95 lb) | Connection cross-section, max. | 1.5 mm ² (16 AWG) |

Dimensions

| | | | |
|--------|-------------------|--|------------------|
| Width | 50 mm (1.97 in) | BrakeResistor | |
| Height | 270 mm (10.63 in) | Cable length to braking resistor, max. | 10.0 m (5.95 ft) |
| Depth | 226 mm (8.90 in) | | |

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