



Figure similar

Article No. : 6BK1136-6AB00-0BU0

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

Item no. :  
Consignment no. :  
Project :

### Rated data

#### Output

Rated current	5 A
Max. output current	10 A

### Electrical data

Operating voltage (DC)	24/48 V (16.8 ... 57.6 V)
Output frequency	599 Hz
Active power consumption	300 W (At 50 V)
Insulation	DC 850 V, type test (between backplane bus, DC input and functional grounding)
Overvoltage category	III

### General tech.specifications

#### Product function

I&M data	Yes
Isochronous mode	No
Four-quadrant operation	Yes
Speed control with encoder	Yes
Speed control without encoder	No
Safety Functions	Yes (Drive controller with hardwired STO)

#### Protection function

Undervoltage protection	Yes
Overvoltage protection	Yes
Overload protection	Yes
Ground-fault protection	No
Short-circuit protection	Yes

### Inputs / outputs

#### Standard digital inputs

Number	1 (input for message signal)
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#### Fail-safe digital inputs

Number	1 (For STO, antivalent (2-pin) - 24 V DC)
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### Encoder

#### Encoder types

Incremental encoder (symmetrical)	Yes (up to 500 Hz per channel)
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#### Encoder interface

Number	1
5 V	Yes
Short-circuit protection	Yes
Max. output current	150 mA

### Status information

#### Alarms

Diagnostic alarm	Yes
Hardware interrupt	No

#### Diagnoses

Monitoring the supply voltage	Yes
Wire-break	Yes
Short-circuit	Yes
Group error	Yes

#### Diagnosics indication LED

RUN LED	Yes
ERROR LED	Yes

### Ambient conditions

Installation altitude, max.	3,000 m
Pollution degree	2 according to EN 61800-5-1

#### Ambient temperature during

Operation (horizontal installation)	-30 ... 60 °C
	No condensation, splash water, icing, salt spray or oil mist permitted. Note the derating data!
Operation (vertical installation)	-30 ... 50 °C
	No condensation, splash water, icing, salt spray or oil mist permitted. Note the derating data!
Transport	-30 ... 70 °C
Storage	-30 ... 70 °C

### Connections

#### Max. motor cable length

Shielded	10 m
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### Mechanical data

Degree of protection	IP20
Type of ventilation	Convection cooling
Brake design	holding brake control via the process image
Braking chopper	Yes
Net weight	55 g
<b>Dimensions</b>	
Width	20 mm
Height	73 mm
Depth	58 mm

### Certificates

Certificate of suitability	CE / cULus / RCM / KC / EAC / UKCA / RoHS / China-RoHS-Conformity
Verification of suitability for fail-safety	SIL 2 acc. to IEC 61508 (2010) and IEC 61800-5-2 (2016), PL d according to ISO 13849-1 (2015), Category 3 acc. to ISO 13849-1 (2015)