



Figure similar

Article No. : 6BK1630-1AA60-0AA0

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

Item no. :  
Consignment no. :  
Project :

### Rated data

#### Output

Rated current	11.00 A
Max. output current	22.0 A
Output frequency	500 Hz
Max. output voltage (DC)	52.8 V

### Electrical data

Operating voltage (DC)	24 V (19.2 ... 28.8 V)
Current demand, max.	0.8 A
Power loss	25 W

### General tech.specifications

#### Product function

Isochronous mode	Yes
Four-quadrant operation	Yes
Speed control with encoder	Yes
Speed control without encoder	No
Safety Functions	Yes (STO)

#### Protection function

Undervoltage protection	Yes
Overvoltage protection	Yes
Overload protection	Yes
Ground-fault protection	Yes
Short-circuit protection	Yes

### Inputs / outputs

#### Standard digital inputs

Number	4
Max. inrush current	1.6 A

#### Fail-safe digital inputs

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

Number	2 (Source output (PNP, current-sourcing))
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#### Encoder interface

Incremental encoder (symmetrical)	Yes (Up to 200 kHz)
Incremental encoder (asymmetrical)	Yes
Absolut encoder (SSI)	Yes (350 kHz)

#### PROFINET interface

Number	2
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### Ambient conditions

#### Ambient temperature during

Operation	-20 ... 60 °C
Transport	-20 ... 80 °C
Storage	-20 ... 80 °C

#### Relative humidity

without condensation	95 %
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### Connections

#### Max. motor cable length

Shielded	10 m
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### Mechanical data

Degree of protection	IP20
Mounting type	35 mm rail, screw mounting
Type of ventilation	Convection cooling
Braking chopper	Yes (External resistance)
Net weight	650 g

#### Dimensions

Width	90 mm
Height	125 mm (136 mm with protective collar for PN connector)
Depth	120 mm

### Certificates

Certificate of suitability	CE / cULus / C-Tick / KC / EAC / China-RoHS- Conformity according to guideline SJ/T 11364-2006
Verification of suitability for fail-safety	SIL 2 acc. to IEC 61508 (2010), PL d according to ISO 13849-1 (2015)