



Figure similar

**Article No. :** 6SE6440-2UD33-0EA1

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

Item no. :  
Consignment no. :  
Project :

### Rated data

#### Input

Number of phases	3 AC
Line voltage	380 ... 480 V $\pm$ 10 %
Line frequency	47 ... 63 Hz
Rated current (LO)	72.00 A
Rated current (HO)	59.00 A

#### Output

Number of phases	3 AC
Rated voltage	480 V
Rated power (LO)	37.00 kW / 50.00 hp
Rated power (HO)	30.00 kW / 40.00 hp
Rated current (LO)	75.00 A
Rated current (HO)	62.00 A
Pulse frequency	4,000 Hz
Output frequency for V/f control	0...650 Hz
As a result of legal stipulations, a limit to 550 Hz is in production	

#### Overload capability

##### Low Overload (LO)

140 % output current for 3 s, followed by 110 % output current for 57 s followed by 100 % output current for 240 s in a 300 s cycle time

##### High Overload (HO)

150 % output current for 60 s, followed by 100 % output current for 240 s in a 300 s cycle time

### General tech. specifications

Power factor $\lambda$	0.95
Efficiency $\eta$	0.96

### Ambient conditions

Cooling	Fan
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#### Ambient temperature

Operation (LO)	-10...40 °C
Operation (HO)	-10...50 °C
Transport	-40...70 °C
Storage	-40...70 °C



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### Mechanical data

Degree of protection	IP20 / UL open type
Frame size	FSE
Net weight	20.00 kg
Width	275.0 mm
Height	650.0 mm
Depth	245.0 mm

### Inputs / outputs

#### Standard digital inputs

Number	6
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#### Relay output

Number	3
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#### Analog inputs

Number	2
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#### Analog outputs

Number	2
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#### PTC/ KTY interface

Number	1
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### Connections

#### Motor end

Conductor cross-section	35.00 mm <sup>2</sup>
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