



Figure similar

**Article No. :** 6SE6440-2UD41-3GA1

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) | 297.00 A                 |
| Rated current (HO) | 245.00 A                 |

#### Output

|                                  |                       |
|----------------------------------|-----------------------|
| Number of phases                 | 3 AC                  |
| Rated voltage                    | 480 V                 |
| Rated power (LO)                 | 160.00 kW / 250.00 hp |
| Rated power (HO)                 | 132.00 kW / 200.00 hp |
| Rated current (LO)               | 302.00 A              |
| Rated current (HO)               | 250.00 A              |
| Pulse frequency                  | 4,000 Hz              |
| Output frequency for V/f control | 0...267 Hz            |

#### Overload capability

##### Low Overload (LO)

150 % output current for 1 s, followed by 110 % output current for 59 s followed by 100 % output current for 240 s in a 300 s cycle time

##### High Overload (HO)

136 % output current for 57 s, followed by 100 % output current for 243 s in a 300 s cycle time

### General tech. specifications

|                        |      |
|------------------------|------|
| Power factor $\lambda$ | 0.95 |
| Efficiency $\eta$      | 0.97 |

### Ambient conditions

|         |     |
|---------|-----|
| Cooling | Fan |
|---------|-----|

#### Ambient temperature

|                |             |
|----------------|-------------|
| Operation (LO) | 0...40 °C   |
| Operation (HO) | 0...40 °C   |
| Transport      | -40...70 °C |
| Storage        | -40...70 °C |



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### Mechanical data

|                      |                     |
|----------------------|---------------------|
| Degree of protection | IP20 / UL open type |
| Frame size           | FSGX                |
| Net weight           | 174.00 kg           |
| Width                | 326.0 mm            |
| Height               | 1,533.0 mm          |
| Depth                | 545.0 mm            |

### Inputs / outputs

#### Standard digital inputs

|        |   |
|--------|---|
| Number | 6 |
|--------|---|

#### Relay output

|        |   |
|--------|---|
| Number | 3 |
|--------|---|

#### Analog inputs

|        |   |
|--------|---|
| Number | 2 |
|--------|---|

#### Analog outputs

|        |   |
|--------|---|
| Number | 2 |
|--------|---|

#### PTC/ KTY interface

|        |   |
|--------|---|
| Number | 1 |
|--------|---|

### Connections

#### Motor end

|                         |                        |
|-------------------------|------------------------|
| Conductor cross-section | 240.00 mm <sup>2</sup> |
|-------------------------|------------------------|