



Figure similar

### MLFB-Ordering data

6SE6430-2UD42-5GA0

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

### Rated data

#### Input

|                    |                          |
|--------------------|--------------------------|
| Number of phases   | 3 AC                     |
| Line voltage       | 380 ... 480 V $\pm$ 10 % |
| Line frequency     | 47 ... 63 Hz             |
| Rated current (LO) | 442.00 A                 |

#### Output

|                                  |                       |
|----------------------------------|-----------------------|
| Number of phases                 | 3 AC                  |
| Rated voltage                    | 480 V                 |
| Rated power (LO)                 | 250.00 kW / 350.00 hp |
| Rated current (LO)               | 477.00 A              |
| Pulse frequency                  | 2000 Hz               |
| Output frequency for V/f control | 0 ... 267 Hz          |

### General tech. specifications

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

### Ambient conditions

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

#### Ambient temperature

|                |             |
|----------------|-------------|
| Operation (LO) | 0 ... 40 °C |
|----------------|-------------|

|           |               |
|-----------|---------------|
| Transport | -40 ... 70 °C |
|-----------|---------------|

|         |               |
|---------|---------------|
| Storage | -40 ... 70 °C |
|---------|---------------|

### 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

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### Mechanical data

|                      |                     |
|----------------------|---------------------|
| Degree of protection | IP20 / UL open type |
| Size                 | FSGX                |
| Net weight           | 174.00 kg           |
| Width                | 326.0 mm            |
| Height               | 1533.0 mm           |
| Depth                | 545.0 mm            |

### Connections

#### Motor end

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

### Inputs / outputs

#### Standard digital inputs

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

#### Relay output

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

#### Analog inputs

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

#### Analog outputs

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

#### PTC/ KTY interface

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