



Figure similar

MLFB-Ordering data

6SE6430-2UD41-6GA0

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) | 297.00 A |

Output

| | |
|----------------------------------|-----------------------|
| Number of phases | 3 AC |
| Rated voltage | 480 V |
| Rated power (LO) | 160.00 kW / 250.00 hp |
| Rated current (LO) | 302.00 A |
| Pulse frequency | 2000 Hz |
| Output frequency for V/f control | 0 ... 267 Hz |

General tech. specifications

| | |
|------------------------|------|
| Power factor λ | 0.95 |
| Efficiency η | 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

MLFB-Ordering data

6SE6430-2UD41-6GA0



Figure similar

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 ² |
|-------------------------|------------------------|

Inputs / outputs

Standard digital inputs

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

Relay output

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

Analog inputs

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

Analog outputs

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

PTC/ KTY interface

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