



Figure similar

MLFB-Ordering data

6SE6430-2UD34-5EA0

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) | 87.00 A |

Output

| | |
|----------------------------------|---------------------|
| Number of phases | 3 AC |
| Rated voltage | 480 V |
| Rated power (LO) | 45.00 kW / 60.00 hp |
| Rated current (LO) | 90.00 A |
| Pulse frequency | 4000 Hz |
| Output frequency for V/f control | 0 ... 650 Hz |

As a result of legal stipulations, a limit to 550 Hz is in production

General tech. specifications

| | |
|------------------------|------|
| Power factor λ | 0.95 |
| Efficiency η | 0.96 |

Ambient conditions

| | |
|---------------------|---------------|
| Cooling | Fan |
| Ambient temperature | |
| Operation (LO) | -10 ... 40 °C |
| Transport | -40 ... 70 °C |
| Storage | -40 ... 70 °C |

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



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| Mechanical data | | Connections | |
|----------------------|---------------------|-------------------------|-----------------------|
| Degree of protection | IP20 / UL open type | Motor end | |
| Size | FSE | Conductor cross-section | 35.00 mm ² |
| Net weight | 22.00 kg | | |
| Width | 275.0 mm | | |
| Height | 650.0 mm | | |
| Depth | 245.0 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 |