



### Ordering data

6SE6440-2UD31-8DA1

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)	43.00 A
Rated current (HO)	37.00 A

#### Output

Number of phases	3 AC
Rated voltage	480 V
Rated power (LO)	22.00 kW / 30.00 hp
Rated power (HO)	18.50 kW / 25.00 hp
Rated current (LO)	45.00 A
Rated current (HO)	38.00 A
Pulse frequency	4000 Hz
Output frequency for V/f control	0 ... 650 Hz

Due to legal restrictions a limitation to 550 Hz is under preparation

### General tech. specifications

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

### Ambient conditions

Cooling	Fan
Ambient temperature	
Operation (LO)	-10 ... 40 °C
Operation (HO)	-10 ... 50 °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

#### High Overload (HO)

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



Ordering data

6SE6440-2UD31-8DA1

### Mechanical data

Degree of protection	IP20
Size	D
Net weight	16.00 kg
Width	275.0 mm
Height	520.0 mm
Depth	245.0 mm

### Connections

#### Motor end

Conductor cross-section	35.00 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
--------	---