



Figure similar

Article No. : 6SE6440-2UC31-1DA1

Client order no. :  
Order no. :  
Offer no. :  
Remarks :

Item no. :  
Consignment no. :  
Project :

| Rated data |  |
|------------|--|
|------------|--|

Input

|                    |                     |
|--------------------|---------------------|
| Number of phases   | 3 AC                |
| Line voltage       | 200 ... 240 V ±10 % |
| Line frequency     | 47 ... 63 Hz        |
| Rated current (LO) | 50.00 A             |
| Rated current (HO) | 38.00 A             |

Output

|                                                                       |                     |
|-----------------------------------------------------------------------|---------------------|
| Number of phases                                                      | 3 AC                |
| Rated voltage                                                         | 240 V               |
| Rated power (LO)                                                      | 15.00 kW / 20.00 hp |
| Rated power (HO)                                                      | 11.00 kW / 15.00 hp |
| Rated current (LO)                                                    | 54.00 A             |
| Rated current (HO)                                                    | 42.00 A             |
| Pulse frequency                                                       | 4,000 Hz            |
| Output frequency for V/f control                                      | 0...650 Hz          |
| As a result of legal stipulations, a limit to 550 Hz is in production |                     |

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

| General tech. specifications |  |
|------------------------------|--|
|------------------------------|--|

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



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| Mechanical data      |                     |
|----------------------|---------------------|
| Degree of protection | IP20 / UL open type |
| Frame size           | FSD                 |
| Net weight           | 16.00 kg            |
| Width                | 275.0 mm            |
| Height               | 520.0 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 |

| Connections             |           |
|-------------------------|-----------|
| Motor end               |           |
| Conductor cross-section | 35.00 mm² |