



Figure similar

Article No. : 6SE6420-2UC24-0CA1

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 (HO) | 19.70 A             |

Output

|                                                                       |                   |
|-----------------------------------------------------------------------|-------------------|
| Number of phases                                                      | 3 AC              |
| Rated voltage                                                         | 240 V             |
| Rated power (HO)                                                      | 4.00 kW / 5.00 hp |
| Rated current (HO)                                                    | 17.50 A           |
| Pulse frequency                                                       | 16,000 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

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 (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           | FSC                 |
| Net weight           | 5.00 kg             |
| Width                | 185.0 mm            |
| Height               | 245.0 mm            |
| Depth                | 195.0 mm            |

| Inputs / outputs        |   |
|-------------------------|---|
| Standard digital inputs |   |
| Number                  | 3 |
| Relay output            |   |
| Number                  | 1 |
| Analog inputs           |   |
| Number                  | 1 |
| Analog outputs          |   |
| Number                  | 1 |

| Connections             |           |
|-------------------------|-----------|
| Motor end               |           |
| Conductor cross-section | 10.00 mm² |