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# Data sheet for MICROMASTER 420



Figure similar

**Article No. :** **6SE6420-2AD27-5CA1**

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 ±10 % |
| Line frequency | 47 ... 63 Hz |
| Rated current (HO) | 22.00 A |

### Output

| | |
|---|---|
| Number of phases | 3 AC |
| Rated voltage | 480 V |
| Rated power (HO) | 7.50 kW / 10.00 hp |
| Rated current (HO) | 19.00 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

**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 |