SIEMENS

## Data sheet 6FC5370-6AA40-0AA0



SINUMERIK 828D numerical control CNC hardware PPU 270.4 vertical maximum 4-axis interpolation

| | |
|---|---|
| **general information** | |
| product brand name | SINUMERIK |
| product designation | CNC control |
| product type designation | 828 |
| product short term | PPU 270.4 |
| **performance data** | |
| consumed active power / maximum | 60 W |
| relative positive tolerance / at DC / at 24 V | 20 % |
| relative negative tolerance / at DC / at 24 V | 15 % |
| buffering time / in the event of power failure | 3 ms; 20 ms mit SITOP smart power supply |
| **degree of protection, protection class** | |
| protection class IP / on the front | IP65; With the front flap closed |
| protection class IP / rear side | IP20 / UL open type |
| **standards, approvals, certificates** | |
| reference code / according to IEC 81346-2 | K |
| **ambient conditions** | |
| environmental category / according to IEC 60721-3-3 | Class 3K5 Condensation and icing excluded. Low air temperature 0 °C (32 °F). |
| Substance Prohibitance (day/month/year) | 06/01/2018 |
| SVHC substance name | Lead CAS-No. 7439-92-1<br>Lead monoxide (lead oxide) CAS-No. 1317-36-8<br>4,4'-isopropylidenediphenol (Bisphenol A, BPA) CAS-No. 80-05-7 |
| ambient temperature | |
| ● on the front / during operation | 0 ... 45 °C, 32 ... 113 °F |
| ● rear side / during operation | 0 ... 55 °C, 32 ... 131 °F |
| ● during transport | -20 ... +60 °C, -4 ... +140 °F |
| ● during storage | -25 ... +55 °C, -13 ... +131 °F |
| relative humidity | |
| ● at 25 °C / during operation | 5 ... 90 % |
| ● at 25 °C / during transport | 5 ... 95 % |
| ● at 25 °C / during storage | 10 ... 100 % |
| **type of design, assembly** | |
| mounting position / of operating panel | Vertical |
| **design, dimensions, weights** | |
| width | 310 mm, 12.2 in |
| height | 380 mm, 14.96 in |
| depth | 105 mm, 4.13 in |
| net weight | 4.5 kg, 9.92 lb |
| **Classifications** | |

| | Version | Classification |
|---|---|---|


Subject to change without notice
© Copyright Siemens

| | | |
|---|---|---|
| eClass | 16 | 27-24-21-02 |
| eClass | 14 | 27-24-21-02 |
| eClass | 12 | 27-24-21-02 |
| eClass | 9.1 | 27-24-21-02 |
| eClass | 9 | 27-24-21-02 |
| eClass | 8 | 27-24-21-02 |
| eClass | 7.1 | 27-24-21-02 |
| eClass | 6 | 27-24-21-02 |
| ETIM | 10 | EC001422 |
| ETIM | 9 | EC001422 |
| ETIM | 8 | EC001422 |
| ETIM | 7 | EC001422 |

## Approvals / Certificates

### General Product Approval

Declaration of Conformity

China RoHS

| General Product Approval | EMV | | Functional Saftey | | |
|---|---|---|---|---|---|
| China RoHS | | | Manufacturer Declaration | TUEV | Manufacturer Declaration |


Subject to change without notice
© Copyright Siemens