SIEMENS

## Data sheet 6FC5370-3AT20-0AA0

****spare part**** SINUMERIK 828D Basic T PPU 241.2 horizontal CNC hardware



| | |
|---|---|
| **general information** | |
| product brand name | SINUMERIK |
| product designation | CNC control |
| product type designation | 828D |
| product short term | PPU 241.2 |
| **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 % |
| performance class for CNC controllers | BASIC T |
| 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) | 12/31/2099 |
| 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<br>1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (“Dechlorane Plus”™) covering any of its individual anti- and syn-isomers or any combination thereof CAS-No. - |
| 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 | 483 mm, 19.02 in |
| height | 220 mm, 8.66 in |


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| | |
|---|---|
| depth | 105 mm, 4.13 in |
| net weight | 4.5 kg, 9.92 lb |

## Classifications

| | Version | Classification |
|---|---|---|
| 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 |
| UNSPSC | 15 | 43-20-15-42 |

## Approvals / Certificates

| General Product Approval | | | | | EMV |
|---|---|---|---|---|---|
| CE EG-Konf. | UKCA | Declaration of Conformity | UKCA | CE EG-Konf. | RCM |

| EMV | Functional Saftey |
|---|---|
| KC | Manufacturer Declaration |


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