SIEMENS

Data sheet 6FC5370-3AM20-0AA0

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



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 M
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 Lead monoxide (lead oxide) CAS-No. 1317-36-8 4,4'-isopropylidenediphenol (Bisphenol A, BPA) CAS-No. 80-05-7 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	CE EG-Konf.	UKCA	RCM

EMV	Functional Saftey
KC	Manufacturer Declaration

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