SIEMENS

Data sheet 6FC5370-8AA30-0AA1



spare part SINUMERIK 828D numerical control CNC hardware PPU 280.3 vertical

general information	
product brand name	SINUMERIK
product designation	CNC control
product type designation	828D
product short term	PPU 280.3
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
display	
design of the display	TFT color
screen diagonal	10.4 in
horizontal image resolution / of the display	800 pixel
vertical image resolution / of the display	600 pixel
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	Condensation and icing excluded. Low air temperature 0 °C (32 °F).
Substance Prohibitance (day/month/year)	08/01/2016
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	

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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
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.	Declaration of Conformity	UKCA	UKCA	CE EG-Konf. RCM

EMV	Functional Saftey	
KC	Manufacturer Declaration	Manufacturer Declaration

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