SIEMENS

Data sheet 6FC5317-4AA00-0AA0

Siemens EcoTech

SINUMERIK ONE NCU 1740 with PLC-1500F



general information	
product brand name	SINUMERIK
product designation	CNC control
product type designation	ONE
product short term	NCU 1740
type of PLC / as SIMATIC S7 / integrated	PLC 1500
performance data	
type of voltage / of the supply voltage	DC
supply voltage / at DC / rated value	24 V
supply voltage / at DC / rated value	24 V
consumed current / rated value	7 A
consumed current / maximum	11 A
consumed active power / maximum	315 W
power loss [W] / typical	16 W
memory	
type of work memory 1	DRAM
● storage capacity	4 Gbyte
type of work memory 2	NVM
● storage capacity	1 Mbyte
degree of protection, protection class	
protection class IP	IP20; UL open type
standards, approvals, certificates	
certificate of suitability	CE, cULus, UKCA, EAC, RCM
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)	08/04/2021
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 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol CAS-No. 119-47-1
ambient temperature	
● during operation	0 ... 55 °C, 32 ... 131 °F
● during transport	-40 ... +70 °C, -40 ... +158 °F
● during storage	-25 ... +55 °C, -13 ... +131 °F
relative humidity	
● at 25 °C / during operation	5 ... 95 %

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● at 25 °C / during transport	5 ... 95 %
● at 25 °C / during storage	5 ... 95 %

design, dimensions, weights

width	50 mm, 1.97 in
height	300 mm, 11.81 in
depth	270 mm, 10.62 in
net weight	2.4 kg, 5.29 lb

Classifications

	Version	Classification
eClass	16	27-24-21-91
eClass	14	27-24-21-91
eClass	12	27-24-21-91
eClass	9.1	27-24-21-91
eClass	9	27-24-21-91
eClass	8	27-24-91-90
eClass	7.1	27-24-91-90
eClass	6	27-24-91-90
ETIM	10	EC001857
ETIM	9	EC001857
ETIM	8	EC001857
ETIM	7	EC001857

Approvals / Certificates

Environment	General Product Approval				
EPD	Siemens EcoTech	CE EG-Konf.	Declaration of Conformity	UKCA	RCM

General Product Approval			EMV	Functional Saftey	
CE EG-Konf.	China RoHS	UKCA	KC	Manufacturer Declaration	TUEV

Functional Saftey	Industrial Communication
Manufacturer Declaration	PROFINET

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