



spare part SINUMERIK ONE NCU 1750 with PLC-1500F including twin fan module

general information	
product brand name	SINUMERIK
product designation	CNC control
product type designation	ONE
product short term	NCU 1750
type of PLC / as SIMATIC S7 / integrated	PLC 1500
performance data	
supply voltage / at DC / rated value	24 V
consumed current / typical	-9 999 A; no value
consumed active power / maximum	356.5 W
power loss [W] / typical	41.81 W
MTBF / at 55 °C	90 a
MTBF / note	Please observe disclaimer, see SIOS 42468979 (MTBF values apply for 4000 h p.a.)
memory	
type of work memory 1	DRAM
• storage capacity	8 Gbyte
type of work memory 2	NVM
• storage capacity	1 Mbyte
degree of protection, protection class	
protection class IP	IP20 / UL open type; IPXXB with cover for option slot
standards, approvals, certificates	
certificate of suitability	CE, cULus
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)	09/03/2018
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 %
• at 25 °C / during transport	5 ... 95 %
• at 25 °C / during storage	5 ... 95 %
design, dimensions, weights	

width	50 mm, 1.97 in
height	432 mm, 17 in
depth	272 mm, 10.71 in
net weight	3.75 kg, 8.27 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

General Product Approval



[Declaration of Con-
formity](#)



General Product Ap- proval	EMV	Functional Saftey
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[China RoHS](#)



[Manufacturer Declara-
tion](#)

[TUEV](#)

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Industrial Communication

[PROFINET](#)

