



SINAMICS Numeric contr. extension NX15.3 Drive control extension for
SINUMERIK ONE, SINUMERIK 840D SL, SINUMERIK 828D, up to 6 axes

General information			
product brand name	SINAMICS		
product designation	Numeric Control Extension		
product short term	NX15.3		
Performance data			
power loss [W] / typical	15 W		
Degree of protection and class of protection			
protection class IP	IP20 / UL open type		
Standards, approvals, certification			
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)	03/22/2012		
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 and weight			
width	25 mm, 1.97 in		
height	414 mm, 16.3 in		
depth	272 mm, 10.71 in		
net weight	2.58 kg, 5.69 lb		
Classifications			
		Version	Classification
	eClass	16	27-02-31-91
	eClass	14	27-02-31-91
	eClass	12	27-02-31-91
	eClass	9.1	27-02-31-91
	eClass	9	27-02-31-91
	eClass	8	27-02-91-12

eClass	7.1	27-02-91-12
eClass	6	27-02-91-12
ETIM	10	EC002025
ETIM	9	EC002025
ETIM	8	EC002025
ETIM	7	EC002025
UNSPSC	15	39-12-20-04

Approvals / Certificates

Environmental Product Declaration	
• global warming potential [CO2 eq] / during manufacturing	48.6 kg
• global warming potential [CO2 eq] / during sales	1.61 kg
• global warming potential [CO2 eq] / during operation	266 kg
• global warming potential [CO2 eq] / after end of life	-4.23 kg
• global warming potential [CO2 eq] / total	311.98 kg

Environment	General Product Approval
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[Declaration of Conformity](#)



General Product Approval	EMV	Functional Safety
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[China RoHS](#)



[Type Examination Certificate](#)

[Manufacturer Declaration](#)

Functional Safety	other
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[Type Examination Certificate](#)

[Manufacturer Declaration](#)

[Miscellaneous](#)

