

SIEMENS

OPC Interface Specifications Version 3.0

NK823x

Document No. A6V11370184
Edition 04-2018

ID	Object Model	Description				
NK823x-0010	NK823x	NK823x system object.				
		States		Commands on OPC Item Mode		
		OPC Item PresentValue	OPC Item Mode	Result State		
		0-Quiet	1-Normal	Normal	\	\
					\	\

ID	Object Model	Description																										
NK823x-0020	NK823x BACnet client	Any of the clients (up to 4) connected to the NK823x via the BACnet protocol.																										
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0-Quiet	1-Normal	Normal	\	\	\	\																						
3-Fault	1-Normal	Fault	\	\	\	\																						

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NK823x-0030	NK823x BACnet device	BACnet device representing the communication characteristics of the NK823x unit.				
		States		Commands on OPC Item Mode		
		OPC Item PresentValue	OPC Item Mode	Result State		
		0-Quiet	1-Normal	Normal	\	\
					\	\

ID	Object Model	Description				
NK823x-0040	NK823x BACnet protocol	BACnet protocol configuration object.				
		States		Commands on OPC Item Mode		
		OPC Item PresentValue	OPC Item Mode	Result State		
		0-Quiet	1-Normal	Normal	\	\
					\	\

ID	Object Model	Description				
NK823x-0050	NK823x COM	Any of the COM ports (up to 4) of the NK823x unit.				
		States		Commands on OPC Item Mode		
		OPC Item PresentValue	OPC Item Mode	Result State		
		0-Quiet	1-Normal	Normal		
		3-Fault	1-Normal	Fault		

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NK823x-0060	NK823x EPSS	External power supply of the NK823x unit.																																								
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NK823x-0070	NK823x Ethernet	Any of the two ETH port of the NK823x unit.																										
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3-Fault	1-Normal	Fault	\	\	\	\																						

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NK823x-0080	NK823x Event Enrollment	BACnet Event Enrollment object for the Output object.																										
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OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\																						
0-Quiet	1-Normal	Normal																										
7-Active	1-Normal	Active																										

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NK823x-0090	NK823x Expansion Board	Expansion board of the NK823x unit holding two additional COM ports (#3 and #4).																			
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OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\															
0-Quiet	1-Normal	Normal																			

ID	Object Model	Description						
NK823x-0100	NK823x I2C	DF8000 subsystem folder.						
		States			Commands on OPC Item Mode			
		OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\
		0-Quiet	1-Normal	Normal				
		3-Fault	1-Normal	Fault				

ID	Object Model	Description						
NK823x-0110	NK823x Input	Any of the Inputs (up to 3) connected to the NK823x unit.						
		States			Commands on OPC Item Mode			
		OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\
		0-Quiet	1-Normal	Normal				
		7-Active	1-Normal	Active				

ID	Object Model	Description				
NK823x-0120	NK823x IO	I/O folder.				
		States		Commands on OPC Item Mode		
		OPC Item PresentValue	OPC Item Mode	Result State	\ \ \ \	
		0-Quiet	1-Normal	Normal		

ID	Object Model	Description																										
NK823x-0130	NK823x License	Current status of the license of the NK823x unit.																										
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OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\																						
0-Quiet	1-Normal	Normal																										
3-Fault	1-Normal	Invalid license																										

ID	Object Model	Description																																	
NK823x-0140	NK823x Logging	Current status of the logging of the NK823x unit.																																	
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States	Commands on OPC Item Mode																																		
OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\																													
0-Quiet	11-Enabled	Normal																																	
267-Non Default Mode	12-Disabled	Disabled																																	
3-Fault	11-Enabled	Fault																																	

ID	Object Model	Description						
NK823x-0150	NK823x Output	Current status of the Output object of the NK823x unit.						
		States			Commands on OPC Item Mode			
		OPC Item PresentValue	OPC Item Mode	Result State	269-Activate	276-Deactivate	\	\
		0-Quiet	1-Normal	Normal	X			
		7-Active	1-Normal	Active		X		

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NK823x-0160	NK823x Software	Current configuration consistency of the NK823x unit.																																	
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22-Supervisory	1-Normal	Software																																	
3-Fault	1-Normal	Fault																																	

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NK823x-0170	NK823x Tamper	Tamper object of the NK823x unit.	States			11-Enable	12-Disable	\	\
	OPC Item PresentValue	OPC Item Mode	Result State						
	0-Quiet	11-Enabled	Normal			X			
	8-Tamper	11-Enabled	Tamper alarm			X			
	267-Non Default Mode	12-Disabled	Tamper disabled	X					

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