

**SIEMENS**

**MK8000 OPC Server Interface  
Specifications for NK822x**

**Siemens Building Technologies**

Fire & Security Products

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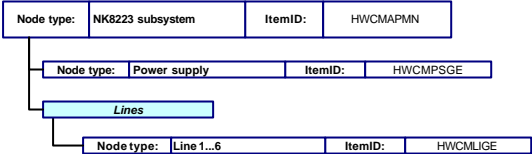
## NK822x

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The NK8223 gateway is used to connect local and distributed safety and security devices to the CDI network. It provides a first level of centralisation, and acts as a secure communication partner for the NK8210, MM8000, and MK8000.

# Summary view

## NK8223 Model



## Nk8223 - (HWCMPMN)

The "NK8223" object represents the gateway used to connect local and distributed safety and security devices to the CDI network. It provides a first level of centralisation, and acts as a secure communication partner for the NK8210.

Multistate		Commands											
		1 Ack	2 Reset	4 Arm	8 Disarm	16 Test	32 Active	64 Quiet	128 Disconn	256 Connect	512 Block	1024 Manual	2048 Status Req.
1000	Quiet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1350	Anomaly Unreset	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1351	Anomaly Ack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1352	Anomaly Unack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1369	Not Aligned The control unit is not aligned to the field.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1370	Alignment In Progress The alignment fase is in progress.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1998	Fault Unreset	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1999	Fault Ack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Multistate	Commands											
	1 Ack	2 Reset	4 Arm	8 Disarm	16 Test	32 Active	64 Quiet	128 Disconn	256 Connect	512 Block	1024 Manual	2048 Status Req.
2000 Fault Unack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## Lines - (UDUDOLMN)

The "Lines" object represents the general summary status of the 6 lines.

Multistate	Commands											
	1 Ack	2 Reset	4 Arm	8 Disarm	16 Test	32 Active	64 Quiet	128 Disconn	256 Connect	512 Block	1024 Manual	2048 Status Req.
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Power Supply - (HWCMPSGE)

The "Power Supply" object represents what concerns the supervision of power supply.  
 The supervision of power is managed by NK8223 by a device connected on I2C connector of NK8223 called DF8090.

Multistate		Commands											
		1 Ack	2 Reset	4 Arm	8 Disarm	16 Test	32 Active	64 Quiet	128 Disconn	256 Connect	512 Block	1024 Manual	2048 Status Req.
1000	Quiet No abnormal condition present	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1999	Fault Ack One of the following fault condition was detected : Mains failed Battery Low	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Line - (HWCMLIGE)

The "Line" object represents one of the 6 available connections.

- Line 1 Is the LAN connection.
- Lines 2 through 6 are used for subsystems connected to serial ports or Cercom bus.

Multistate		Commands											
		1 Ack	2 Reset	4 Arm	8 Disarm	16 Test	32 Active	64 Quiet	128 Disconn	256 Connect	512 Block	1024 Manual	2048 Status Req.
1000	Quiet No abnormal condition present	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1351	Anomaly Ack A configuration error condition has been detected for this Pad.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1999	Fault Ack A subsystem line fault or a Lan fault is detected.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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