

**SIEMENS**

**MK8000 OPC Server Interface  
Specifications for CK11 EP7**

**Siemens Building Technologies**

Fire & Security Products

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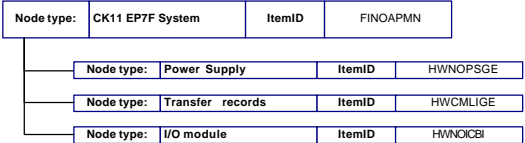
## CK11 EP7

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CK11 EP7 is the Cerloop interface of the CC11 EP7 CPU and its terminals. It is a component of the CS11 EP7 system, the AlgoRex fire protection system

# Summary view

## CK11 EP7F Multistate Model



<b>S</b>	FSPdivision
	MultistateModelforCK11EP7F
	MK8000OPCServerforsubsystems
Lastmodified:	Jul9, 2003

## Application - (FINOAPMN)

The Application object represents the events related to the entire CK11 system.

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
500	Alarm Unack Emergency operation alarm. An alarm has been signalled via the emergency operation system. This points to a fault in one of the Cbus node. The alarm point cannot be localized. (unacknowledged)	<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 type="checkbox"/>	<input checked="" type="checkbox"/>
502	Alarm Unreset Emergency operation alarm. An alarm has been signalled via the emergency operation system. This points to a fault in one of the Cbus node. The alarm point cannot be localized. (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"/>
510	Alarm & Fault Unack Alarm and Fault condition present (unacknowledged)	<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 type="checkbox"/>	<input checked="" type="checkbox"/>
511	Alarm & Fault Ack Alarm and Fault condition present (acknowledged)	<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"/>
512	Alarm & Fault Unreset Alarm and Fault condition present (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"/>
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"/>
1351	Anomaly Ack System is only partially reachable (acknowledged)	<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"/>

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
1370	Alignment In Progress The alignment phase 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"/>
1999	Fault Ack System is not reachable or an internal/external fault occurred (acknowledged)	<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"/>
2000	Fault Unack System is not reachable or an internal/external fault occurred (unacknowledged)	<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 type="checkbox"/>	<input checked="" type="checkbox"/>
2051	Vitality Fault Missing vitality message (heartbeat): trouble in the communication link.	<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 - (HWNOPSGE)

Representation of power supply module

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
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 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"/>
	One of the following faults exists in the function unit (acknowledged): <ul style="list-style-type: none"> <li>- Power supply failure</li> <li>- Battery failure</li> <li>- End of battery autonomy</li> <li>- Module does not respond</li> <li>- Configuration error</li> </ul>												
2000	Fault Unack	<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 type="checkbox"/>	<input type="checkbox"/>
	One of the following faults exists in the function unit (unacknowledged): <ul style="list-style-type: none"> <li>- Power supply failure</li> <li>- Battery failure</li> <li>- End of battery autonomy</li> <li>- Module does not respond</li> <li>- Configuration error</li> </ul>												

## Transfer Record - (HWCMLIGE)

Representation of a CT11/CK11 connection to the local CK11

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
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 type="checkbox"/>
1999	Fault Ack Connection fault (acknowledged)	<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"/>
2000	Fault Unack Connection fault (unacknowledged)	<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 type="checkbox"/>	<input type="checkbox"/>



## I/O Board - (HWNOICBI)

Representation of digital I/O module

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
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 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"/>
	One of the following faults exists in the function unit (acknowledged):												
	- processor failure												
	- general fault												
	- configuration error												
2000	Fault Unack	<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 type="checkbox"/>	<input type="checkbox"/>
	One of the following faults exists in the function unit (unacknowledged):												
	- processor failure												
	- general fault												
	- configuration error												

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