

SIEMENS

***MK8000 OPC Server Interface
Specification for FC330***

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FC330

The FC330 is an auto-addressing analogue fire control panel. Depending on the model, it may contain one, two, or four loops. Additionally, the serial interface provides for communication with 3rd-party building management systems.

Summary view

FC330 Model

FC330 Application	Obj. Name: FINOAPMN	NT ID: 1
Communication parameters	Obj. Name: UDUDOLAX	NT ID: 4
Notification class	Obj. Name: UDUDNCUD	NT ID: 3
Program	Obj. Name: UDUDUDUD	NT ID: 2
Logical tree	Obj. Name: UDUDOLMN	NT ID: 16
Fire zone	Obj. Name: FIDEZOGE	NT ID: 17
Detectors	Obj. Name: FIDEDEEL	NT ID: 18
Control zone	Obj. Name: FIDEORLO	NT ID: 20
Manual Fire zone	Obj. Name: FIDEZOMA	NT ID: 665
Manual Detector	Obj. Name: FIDEDEMA	NT ID: 666
Physical tree	Obj. Name: UDUDOLMN	NT ID: 5
Power supply	Obj. Name: HWNOPSUD	NT ID: 6
Remote transmission alarms	Obj. Name: FICORCAL	NT ID: 7
Inputs	Obj. Name: FINOINEL	NT ID: 9
Loop	Obj. Name: FIDEALPH	NT ID: 10
Collective line	Obj. Name: FIDEDCPH	NT ID: 11
K3M030	Obj. Name: HWDADCSU	NT ID: 12
K3M010	Obj. Name: HWDADCSU	NT ID: 13
K3M020	Obj. Name: HWDADCSU	NT ID: 14
K3I110	Obj. Name: HWCOIMSU	NT ID: 15
CS1115 Application	Obj. Name: FINOAPMN	NT ID: 664
Collective line link	Obj. Name: FIDEDCPH	NT ID: 22

FC330 Application - (FINOAPMN)

The Application object represents the events related to the entire FC330 detection system and the terminal that controls it.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000 Quiet				✓								✓
No abnormal conditions present.												
1300 Disarmed			✓									✓
The control unit organization is in day.												
1369 Not Aligned				✓								
The control unit is not aligned to the field.												
1370 Alignment In Progress				✓								
The alignment fase is in progress.												
1998 Fault Unreset		✓		✓								✓
The event should now be reset by the operator.												
1999 Fault Ack				✓								✓
The event has been acknowledged.												
2000 Fault Unack	✓			✓								✓
The event should now be acknowledged by the operator.												

Physical tree - (UDUDOLMN)

No properties exist for this folder.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

Power supply - (HWNOPSUD)

This object represents the Power Supply device in the FC330 System.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

1998 Fault Unreset ✓

The event should now be reset by the operator.

2000 Fault Unack ✓

The event should now be acknowledged by the operator.

Remote transmission alarms - (FICORCAL)

The Remote transmission alarm object represents the state of the `Alarm Remote Transmission`, i.e. the remote transmission output for alarms.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

950 Active

1000 Quiet

No abnormal conditions present.

Remote transmission faults - (FICORCFL)

The Remote transmission fault object represents the state of the 'Fault Remote Transmission', i.e. the remote transmission output for faults.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

950 Active

1000 Quiet

No abnormal conditions present.

Inputs - (FINOINEL)

This object is a generic input of the FC330 System.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

950 Active

1000 Quiet

No abnormal conditions present.

Loop - (FIDEALPH)

No properties exist for this folder.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

Collective line - (FIDEDCPH)

No properties exist for this folder.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

K3M030 - (HWDADCSU)

No properties exist for this folder.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

K3M010 - (HWDADCSU)

No properties exist for this folder.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

K3M020 - (HWDADCSU)

No properties exist for this folder.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

K31110 - (HWCOIMSU)

No properties exist for this folder.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

Logical tree - (UDUDOLMN)

No properties exist for this folder.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

1000 Quiet

No abnormal conditions present.

Fire zone - (FIDEZOGE)

The Fire Zone object represents a zone made up of one or more detection elements.

	Multistate	Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓							✓				
The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓						✓				
The event should now be reset by the operator.													
510	Alarm & Fault Unack	✓							✓				
This event is the combination of the Alarm and Fault state. The event should now be acknowledged by the operator.													
512	Alarm & Fault Unreset		✓						✓				
This event is the combination of the Alarm and Fault state. The event should now be reset by the operator.													
1000	Quiet					✓			✓				
No abnormal conditions present.													
1100	Test							✓	✓				
1111	Test-Alarm Ack								✓				
The event has been acknowledged.													
1400	Disconnected					✓				✓			
1998	Fault Unreset		✓						✓				
The event should now be reset by the operator.													

2000 Fault Unack



The event should now be acknowledged by the operator.

Detectors - (FIDEDEEL)

This object represents the detector device connected to the FC330 control unit.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

500 Alarm Unack ✓

The event should now be acknowledged by the operator.

502 Alarm Unreset ✓

The event should now be reset by the operator.

510 Alarm & Fault Unack ✓

This event is the combination of the Alarm and Fault state. The event should now be acknowledged by the operator

512 Alarm & Fault Unreset ✓

This event is the combination of the Alarm and Fault state. The event should now be reset by the operator.

1000 Quiet

No abnormal conditions present.

1111 Test-Alarm Ack

The event has been acknowledged.

1998 Fault Unreset ✓

The event should now be reset by the operator.

2000 Fault Unack ✓

The event should now be acknowledged by the operator.

Control zone - (FIDEORLO)

The Control zone is a type of zone made up of detectors (and in turn elements) that monitor or control devices for general services in the supervised building.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

950 Active

1000 Quiet

No abnormal conditions present.

1400 Disconnected

CS1115 Application - (FINOAPMN)

The Application object represents the events related to the entire CS1115 detection system and the terminal that controls it.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
1000 Quiet				✓								✓
No abnormal conditions present.												
1300 Disarmed			✓									✓
The control unit organization is in day.												
1369 Not Aligned				✓								
The control unit is not aligned to the field.												
1370 Alignment In Progress				✓								
The alignment phase is in progress.												
1998 Fault Unreset		✓		✓								✓
The event should now be reset by the operator.												
1999 Fault Ack				✓								✓
The event has been acknowledged.												
2000 Fault Unack	✓			✓								✓
The event should now be acknowledged by the operator.												

Manual Fire zone - (FIDEZOMA)

The Manual Fire Zone object represents a manual zone made up of one or more detection elements.

		Commands											
		1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status
500	Alarm Unack	✓							✓				
The event should now be acknowledged by the operator.													
502	Alarm Unreset		✓						✓				
The event should now be reset by the operator.													
510	Alarm & Fault Unack	✓							✓				
This event is the combination of the Alarm and Fault state. The event should now be acknowledged by the operator.													
512	Alarm & Fault Unreset		✓						✓				
This event is the combination of the Alarm and Fault state. The event should now be reset by the operator.													
1000	Quiet					✓			✓				
No abnormal conditions present.													
1100	Test							✓	✓				
1111	Test-Alarm Ack								✓				
The event has been acknowledged.													
1400	Disconnected					✓				✓			
1998	Fault Unreset		✓						✓				
The event should now be reset by the operator.													

2000 Fault Unack



The event should now be acknowledged by the operator.

Manual Detector - (FIDEDEMA)

This object represents the detector device connected to the FC330 control unit.

Multistate	Commands											
	1-Ack	2-Reset	4-Arm	8-Disarm	16-Test	32-Active	64-Quiet	128-Disc	256-Conn	512-Block	1024-Man	2048-Status

500 Alarm Unack ✓

The event should now be acknowledged by the operator.

502 Alarm Unreset ✓

The event should now be reset by the operator.

510 Alarm & Fault Unack ✓

This event is the combination of the Alarm and Fault state. The event should now be acknowledged by the operator

512 Alarm & Fault Unreset ✓

This event is the combination of the Alarm and Fault state. The event should now be reset by the operator.

1000 Quiet

No abnormal conditions present.

1111 Test-Alarm Ack

The event has been acknowledged.

1998 Fault Unreset ✓

The event should now be reset by the operator.

2000 Fault Unack ✓

The event should now be acknowledged by the operator.

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