

SIEMENS

OPC Interface Specifications V9 SPC

SPC intrusion detection panel

This workbook describes the objects provided by the Siemens OPC Data Access Server to represent SPC control panel

Legend

ID	Object Model	Description					
<ID>	<Object Model>	<Description>					
			States		Commands on OPC Item Mode		
	OPC Item PresentValue	OPC Item Mode	Result State	1 - Activate	2 -	5 -	6 -
	0-Quiet	1-Normal	Normal	X			
	1-Pre Alarm	1-Normal	Pre Alarm				
	16-Abnormal	1-Normal	Anomaly				
	2-Alarm	1-Normal	Alarm				

Notes

The Object Model defines the states and commands of all instances of that type. In particular, an Object Model virtualizes a class of physical objects (devices and points in the system) by means of specific properties.

In the OPC interface, the physical object is represented by an instance of an Object Model that contains *PresentValue* and *Mode* properties represented by two VT_UI4 OPC Items. An appropriate combination of these two values defines the real state of the instance (result state). When a command is issued, it acts on the Mode property only. This results in changing the state of the instance.

To identify the Object Model of each object instance, open the CSV export file with a spreadsheet program and refer to the Object Model column (See also *Example of Exported CSV File* in section *OPC Server* of the online help).

OPC Object Specs - SPC

ID	Object Model	Description									
SPC-0010	SPC Area	Intrusion Area - The area controls alarm mode (Set, Unset, PartSet) and associated zones (Inhibit, Deinhbit, Isolate, Deisolate, Test).									
			States			Commands on OPC Item Mode					
			OPC Item PresentValue	OPC Item Mode	Result State	8-Fullset	6-Partset A	7-Partset B	9-Unset	18-Get Status	19-Ready to Arm
			0-Normal	1-Normal	System ON (Fullset)		X	X	X		
			6-Not Ready	1-Normal	Not Ready		X	X	X		
			267-Non Default Mode	6-Unset	System OFF (Unset)	X	X	X		X	X
			267-Non Default Mode	7-Part Set	System Partially OFF	X		X	X	X	X
			267-Non Default Mode	7-Part Set	System Partially OFF	X	X		X	X	X

OPC Object Specs - SPC

ID	Object Model	Description				
SPC-0020	SPC Door	Monitored Door - Access control door.				
			Commands on OPC Item Mode			
States						
OPC Item PresentValue	OPC Item Mode	Result State	12-Lock	10-Unlock	11-Normal	17-Mom.Unlock
0-Normal	1-Normal	Normal	X	X		X
267-Non Default Mode	284-Locked	Locked		X	X	
267-Non Default Mode	258-Off Controls	Unlocked	X		X	
267-Non Default Mode	10-Disconnected	Offline	X	X		
15-Forced	1-Normal	Forced	X	X		
21-Left Open	1-Normal	Open	X	X		
20-Open Too Long	1-Normal	Open Too Long	X	X		

ID	Object Model	Description																																																												
SPC-0030	SPC Enet Node	Node of ENETNODE - Expanders.																																																												
<table border="1"> <thead> <tr> <th data-bbox="655 331 715 348">States</th> <th colspan="3" data-bbox="1670 331 1961 348">Commands on OPC Item Mode</th> </tr> <tr> <th data-bbox="350 436 575 453">OPC Item PresentValue</th> <th data-bbox="685 436 834 453">OPC Item Mode</th> <th data-bbox="1026 436 1145 453">Result State</th> <th data-bbox="1466 436 1484 453">\</th> <th data-bbox="1688 436 1706 453">\</th> <th data-bbox="1914 436 1932 453">\</th> <th data-bbox="2139 436 2157 453">\</th> </tr> </thead> <tbody> <tr> <td data-bbox="350 541 439 558">0-Normal</td> <td data-bbox="685 541 774 558">1-Normal</td> <td data-bbox="1026 541 1101 558">Normal</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 579 566 596">267-Non Default Mode</td> <td data-bbox="685 579 789 596">260-Inhibit</td> <td data-bbox="1026 579 1115 596">Inhibited</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 617 566 634">267-Non Default Mode</td> <td data-bbox="685 617 774 634">0-Isolate</td> <td data-bbox="1026 617 1115 634">Isolated</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 655 418 672">3-Fault</td> <td data-bbox="685 655 774 672">1-Normal</td> <td data-bbox="1026 655 1086 672">Fault</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 693 427 709">2-Alarm</td> <td data-bbox="685 693 774 709">1-Normal</td> <td data-bbox="1026 693 1086 709">Alarm</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 730 448 747">8-Tamper</td> <td data-bbox="685 730 774 747">1-Normal</td> <td data-bbox="1026 730 1101 747">Tamper</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 768 448 785">14-Duress</td> <td data-bbox="685 768 774 785">1-Normal</td> <td data-bbox="1026 768 1101 785">Duress</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			States	Commands on OPC Item Mode			OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\	0-Normal	1-Normal	Normal					267-Non Default Mode	260-Inhibit	Inhibited					267-Non Default Mode	0-Isolate	Isolated					3-Fault	1-Normal	Fault					2-Alarm	1-Normal	Alarm					8-Tamper	1-Normal	Tamper					14-Duress	1-Normal	Duress				
States	Commands on OPC Item Mode																																																													
OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\																																																								
0-Normal	1-Normal	Normal																																																												
267-Non Default Mode	260-Inhibit	Inhibited																																																												
267-Non Default Mode	0-Isolate	Isolated																																																												
3-Fault	1-Normal	Fault																																																												
2-Alarm	1-Normal	Alarm																																																												
8-Tamper	1-Normal	Tamper																																																												
14-Duress	1-Normal	Duress																																																												

OPC Object Specs - SPC

ID	Object Model	Description																				
SPC-0040	SPC Mapping Gate	Alarming outputs - Intrusion alarming and control outputs mapped on physical output lines.																				
<table border="1"> <thead> <tr> <th colspan="3">States</th> <th colspan="2">Commands on OPC Item Mode</th> </tr> <tr> <th>OPC Item PresentValue</th> <th>OPC Item Mode</th> <th>Result State</th> <th>15-Activate</th> <th>16-Deactivate</th> </tr> </thead> <tbody> <tr> <td>0-Normal</td> <td>1-Normal</td> <td>Deactivated</td> <td>X</td> <td></td> </tr> <tr> <td>7-Active</td> <td>1-Normal</td> <td>Activated</td> <td></td> <td>X</td> </tr> </tbody> </table>			States			Commands on OPC Item Mode		OPC Item PresentValue	OPC Item Mode	Result State	15-Activate	16-Deactivate	0-Normal	1-Normal	Deactivated	X		7-Active	1-Normal	Activated		X
States			Commands on OPC Item Mode																			
OPC Item PresentValue	OPC Item Mode	Result State	15-Activate	16-Deactivate																		
0-Normal	1-Normal	Deactivated	X																			
7-Active	1-Normal	Activated		X																		

OPC Object Specs - SPC

ID	Object Model	Description																																							
SPC-0050	SPC Modem	Modem.																																							
<table border="1"> <thead> <tr> <th data-bbox="655 331 721 348">States</th> <th colspan="3" data-bbox="1670 331 1961 348">Commands on OPC Item Mode</th> </tr> <tr> <th data-bbox="350 436 575 453">OPC Item PresentValue</th> <th data-bbox="685 436 839 453">OPC Item Mode</th> <th data-bbox="1026 436 1151 453">Result State</th> <th data-bbox="1466 436 1486 453">\</th> <th data-bbox="1688 436 1709 453">\</th> <th data-bbox="1914 436 1935 453">\</th> <th data-bbox="2139 436 2160 453">\</th> </tr> </thead> <tbody> <tr> <td data-bbox="350 541 439 558">0-Normal</td> <td data-bbox="685 541 774 558">1-Normal</td> <td data-bbox="1026 541 1101 558">Normal</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 579 424 596">3-Fault</td> <td data-bbox="685 579 774 596">1-Normal</td> <td data-bbox="1026 579 1080 596">Fault</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 617 566 634">267-Non Default Mode</td> <td data-bbox="685 617 774 634">0-Isolate</td> <td data-bbox="1026 617 1110 634">Isolated</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 655 566 672">267-Non Default Mode</td> <td data-bbox="685 655 789 672">260-Inhibit</td> <td data-bbox="1026 655 1110 672">Inhibited</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			States	Commands on OPC Item Mode			OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\	0-Normal	1-Normal	Normal					3-Fault	1-Normal	Fault					267-Non Default Mode	0-Isolate	Isolated					267-Non Default Mode	260-Inhibit	Inhibited				
States	Commands on OPC Item Mode																																								
OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\																																			
0-Normal	1-Normal	Normal																																							
3-Fault	1-Normal	Fault																																							
267-Non Default Mode	0-Isolate	Isolated																																							
267-Non Default Mode	260-Inhibit	Inhibited																																							

ID	Object Model	Description																																										
SPC-0060	SPC PSU	Power Supply Unit.																																										
<table border="1"> <thead> <tr> <th colspan="3">States</th> <th colspan="4">Commands on OPC Item Mode</th> </tr> <tr> <th>OPC Item PresentValue</th> <th>OPC Item Mode</th> <th>Result State</th> <th>\</th> <th>\</th> <th>\</th> <th>\</th> </tr> </thead> <tbody> <tr> <td>0-Normal</td> <td>1-Normal</td> <td>Normal</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-Fault</td> <td>1-Normal</td> <td>Fault</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>267-Non Default Mode</td> <td>260-Inhibit</td> <td>Inhibited</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>267-Non Default Mode</td> <td>0-Isolate</td> <td>Isolated</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			States			Commands on OPC Item Mode				OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\	0-Normal	1-Normal	Normal					3-Fault	1-Normal	Fault					267-Non Default Mode	260-Inhibit	Inhibited					267-Non Default Mode	0-Isolate	Isolated				
States			Commands on OPC Item Mode																																									
OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\																																						
0-Normal	1-Normal	Normal																																										
3-Fault	1-Normal	Fault																																										
267-Non Default Mode	260-Inhibit	Inhibited																																										
267-Non Default Mode	0-Isolate	Isolated																																										

ID	Object Model	Description																																																	
SPC-0070	SPC System	Intrusion System - General conditions related to the SPC intrusion system.																																																	
<table border="1"> <thead> <tr> <th colspan="3" data-bbox="655 331 715 352">States</th> <th colspan="4" data-bbox="1665 331 1961 352">Commands on OPC Item Mode</th> </tr> <tr> <th data-bbox="350 436 575 457">OPC Item PresentValue</th> <th data-bbox="685 436 842 457">OPC Item Mode</th> <th data-bbox="1020 436 1139 457">Result State</th> <th data-bbox="1466 436 1495 457">\</th> <th data-bbox="1688 436 1718 457">\</th> <th data-bbox="1920 436 1949 457">\</th> <th data-bbox="2151 436 2181 457">\</th> </tr> </thead> <tbody> <tr> <td data-bbox="350 541 448 562">0-Normal</td> <td data-bbox="685 541 783 562">1-Normal</td> <td data-bbox="1020 541 1110 562">Normal</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 579 427 600">3-Fault</td> <td data-bbox="685 579 783 600">1-Normal</td> <td data-bbox="1020 579 1080 600">Fault</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 617 575 638">267-Non Default Mode</td> <td data-bbox="685 617 813 638">260-Inhibit</td> <td data-bbox="1020 617 1139 638">Inhibited</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 655 575 676">267-Non Default Mode</td> <td data-bbox="685 655 783 676">0-Isolate</td> <td data-bbox="1020 655 1110 676">Isolated</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 693 457 714">8-Tamper</td> <td data-bbox="685 693 783 714">1-Normal</td> <td data-bbox="1020 693 1110 714">Tamper</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			States			Commands on OPC Item Mode				OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\	0-Normal	1-Normal	Normal					3-Fault	1-Normal	Fault					267-Non Default Mode	260-Inhibit	Inhibited					267-Non Default Mode	0-Isolate	Isolated					8-Tamper	1-Normal	Tamper				
States			Commands on OPC Item Mode																																																
OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\																																													
0-Normal	1-Normal	Normal																																																	
3-Fault	1-Normal	Fault																																																	
267-Non Default Mode	260-Inhibit	Inhibited																																																	
267-Non Default Mode	0-Isolate	Isolated																																																	
8-Tamper	1-Normal	Tamper																																																	

ID	Object Model	Description																																																					
SPC-0080	SPC Unidentified	Unidentified event - Event with no corresponding object in the database.																																																					
<table border="1"> <thead> <tr> <th data-bbox="655 331 724 348">States</th> <th colspan="3" data-bbox="1670 331 1961 348">Commands on OPC Item Mode</th> </tr> <tr> <th data-bbox="350 436 575 453">OPC Item PresentValue</th> <th data-bbox="685 436 842 453">OPC Item Mode</th> <th data-bbox="1026 436 1145 453">Result State</th> <th data-bbox="1466 436 1484 453">\</th> <th data-bbox="1694 436 1712 453">\</th> <th data-bbox="1923 436 1941 453">\</th> <th data-bbox="2151 436 2169 453">\</th> </tr> </thead> <tbody> <tr> <td data-bbox="350 541 433 558">7-Active</td> <td data-bbox="685 541 783 558">1-Normal</td> <td data-bbox="1026 541 1121 558">Activated</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 579 433 596">2-Alarm</td> <td data-bbox="685 579 783 596">1-Normal</td> <td data-bbox="1026 579 1086 596">Alarm</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 617 448 634">1-Danger</td> <td data-bbox="685 617 783 634">1-Normal</td> <td data-bbox="1026 617 1101 634">Danger</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 655 427 672">3-Fault</td> <td data-bbox="685 655 783 672">1-Normal</td> <td data-bbox="1026 655 1080 672">Fault</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 693 566 709">267-Non Default Mode</td> <td data-bbox="685 693 783 709">0-Isolate</td> <td data-bbox="1026 693 1110 709">Isolated</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="350 730 477 747">16-Abnormal</td> <td data-bbox="685 730 783 747">1-Normal</td> <td data-bbox="1026 730 1121 747">Anomaly</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			States	Commands on OPC Item Mode			OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\	7-Active	1-Normal	Activated					2-Alarm	1-Normal	Alarm					1-Danger	1-Normal	Danger					3-Fault	1-Normal	Fault					267-Non Default Mode	0-Isolate	Isolated					16-Abnormal	1-Normal	Anomaly				
States	Commands on OPC Item Mode																																																						
OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\																																																	
7-Active	1-Normal	Activated																																																					
2-Alarm	1-Normal	Alarm																																																					
1-Danger	1-Normal	Danger																																																					
3-Fault	1-Normal	Fault																																																					
267-Non Default Mode	0-Isolate	Isolated																																																					
16-Abnormal	1-Normal	Anomaly																																																					

OPC Object Specs - SPC

ID	Object Model	Description																												
SPC-0090	SPC User	User - User authorized to operate the intrusion system.																												
<table border="1"> <thead> <tr> <th colspan="3">States</th> <th colspan="4">Commands on OPC Item Mode</th> </tr> <tr> <th>OPC Item PresentValue</th> <th>OPC Item Mode</th> <th>Result State</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>0-Normal</td> <td>1-Normal</td> <td>LoggedOut</td> <td>\</td> <td>\</td> <td>\</td> <td>\</td> </tr> <tr> <td>7-Active</td> <td>1-Normal</td> <td>LoggedIn (Norm/Duress)</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			States			Commands on OPC Item Mode				OPC Item PresentValue	OPC Item Mode	Result State					0-Normal	1-Normal	LoggedOut	\	\	\	\	7-Active	1-Normal	LoggedIn (Norm/Duress)				
States			Commands on OPC Item Mode																											
OPC Item PresentValue	OPC Item Mode	Result State																												
0-Normal	1-Normal	LoggedOut	\	\	\	\																								
7-Active	1-Normal	LoggedIn (Norm/Duress)																												

OPC Object Specs - SPC

ID	Object Model	Description																												
SPC-0100	SPC Xbus	X-BUS - Open/Closed loop X-BUS provides connection to the unit expanders.																												
<table border="1"> <thead> <tr> <th colspan="3">States</th> <th colspan="4">Commands on OPC Item Mode</th> </tr> <tr> <th>OPC Item PresentValue</th> <th>OPC Item Mode</th> <th>Result State</th> <th>\</th> <th>\</th> <th>\</th> <th>\</th> </tr> </thead> <tbody> <tr> <td>0-Normal</td> <td>1-Normal</td> <td>Normal</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>16-Abnormal</td> <td>1-Normal</td> <td>Anomaly/Information</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			States			Commands on OPC Item Mode				OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\	0-Normal	1-Normal	Normal					16-Abnormal	1-Normal	Anomaly/Information				
States			Commands on OPC Item Mode																											
OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\																								
0-Normal	1-Normal	Normal																												
16-Abnormal	1-Normal	Anomaly/Information																												

OPC Object Specs - SPC

ID	Object Model	Description				
SPC-0110	SPC Zone	Intrusion Zone - Intrusion detector(s) protecting a part of the building.				
			Commands on OPC Item Mode			
States						
OPC Item PresentValue	OPC Item Mode	Result State	4 - Isolate	5- Deisolate	2 - Inhibit	3 - Deinhibit
0-Normal	1-Normal	Normal	X		X	
267-Non Default Mode	260-Inhibit	Inhibited	X			X
267-Non Default Mode	0-Isolate	Isolated		X		
2-Alarm	1-Normal	Alarm (also with NotReady active)	X		X	
2-Alarm	1-Normal	Post Alarm				
8-Tamper	1-Normal	Tamper	X		X	
3-Fault	1-Normal	Fault	X		X	
3-Fault	1-Normal	Trouble	X		X	
267-Non Default Mode	2-Soak	Soak (test mode)				
7-Active / 6-Not Ready	1-Normal	Actuated	X		X	

ID	Object Model	Description																																																																																																																							
SPC-0120	SPC Event commands	This is not an Object Model but provides the read-only information about the event states. The event related to the point can require the acknowledge, silence/unsilence, and reset commands.																																																																																																																							
<table border="1"> <thead> <tr> <th colspan="3">States</th> <th colspan="4">Commands on OPC Item Mode</th> </tr> <tr> <th>OPC Item PresentValue</th> <th>OPC Item Mode</th> <th>Result State</th> <th>\</th> <th>\</th> <th>\</th> <th>\</th> </tr> </thead> <tbody> <tr> <td>0-Normal</td> <td>1-Normal</td> <td>Normal</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6-Ack to offnormal</td> <td>Any</td> <td>Acknowledge</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5-Ack to fault</td> <td>Any</td> <td>Acknowledge</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>1-Pre Alarm</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>2-Alarm</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>3-Fault</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>8-Tamper</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>14-Duress</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>15-Forced</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>16-Abnormal</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>17-Emergency Power</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>18-Delayed</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>20-Open Too Long</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>21-Left Open</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-Normal</td> <td>256-System Fault</td> <td>Reset</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			States			Commands on OPC Item Mode				OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\	0-Normal	1-Normal	Normal					6-Ack to offnormal	Any	Acknowledge					5-Ack to fault	Any	Acknowledge					7-Normal	1-Pre Alarm	Reset					7-Normal	2-Alarm	Reset					7-Normal	3-Fault	Reset					7-Normal	8-Tamper	Reset					7-Normal	14-Duress	Reset					7-Normal	15-Forced	Reset					7-Normal	16-Abnormal	Reset					7-Normal	17-Emergency Power	Reset					7-Normal	18-Delayed	Reset					7-Normal	20-Open Too Long	Reset					7-Normal	21-Left Open	Reset					7-Normal	256-System Fault	Reset				
States			Commands on OPC Item Mode																																																																																																																						
OPC Item PresentValue	OPC Item Mode	Result State	\	\	\	\																																																																																																																			
0-Normal	1-Normal	Normal																																																																																																																							
6-Ack to offnormal	Any	Acknowledge																																																																																																																							
5-Ack to fault	Any	Acknowledge																																																																																																																							
7-Normal	1-Pre Alarm	Reset																																																																																																																							
7-Normal	2-Alarm	Reset																																																																																																																							
7-Normal	3-Fault	Reset																																																																																																																							
7-Normal	8-Tamper	Reset																																																																																																																							
7-Normal	14-Duress	Reset																																																																																																																							
7-Normal	15-Forced	Reset																																																																																																																							
7-Normal	16-Abnormal	Reset																																																																																																																							
7-Normal	17-Emergency Power	Reset																																																																																																																							
7-Normal	18-Delayed	Reset																																																																																																																							
7-Normal	20-Open Too Long	Reset																																																																																																																							
7-Normal	21-Left Open	Reset																																																																																																																							
7-Normal	256-System Fault	Reset																																																																																																																							

Siemens Switzerland Ltd
Smart Infrastructure
Global Headquarters
Theilerstrasse 1a
CH-6300 Zug
+41 58 724 2424
www.siemens.com/buildingtechnologies

© Siemens 2012 -2025
Technical specifications and availability subject to change without notice.