

File Format of Alarms Syntheses

UPDATES

Revision	Written by	Action	Reread by	Date	Diffusion
1.0	DL	Creation		03/04/2014	Private
1.1	JCW	Update		30/03/2017	Private

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CONTENT

Alarms Syntheses

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Alarms Syntheses

Record TREATMENT GROUPALARM				
N °	Description	T	Size (bytes)	Value
1	Record type	C	9	TREATMENT
2	Treatment type	C	11	GROUPALARM
3	Object name	C	40	
4	Object origin	N		Default = 0
5	Producer list	C	40	
6	Reserve	C		
7	Comment	C	255	
8	Flag on taking into account of global filter (Station_Filter)	N		[0,1] ✓ 0 no global filter ✓ 1 Global filter is taken into account
9*	Branch name of variable	C	256	Name of branch of real time data base of variable
10	Reserve		256	
11	Minimum priority	N		[0,29]
12	Maximum priority	N		[0,29]
13	Filter	C	256	Filter to select a group of alarms ✓ empty = no filter ✓ #F= expression filter ✓ #TATT1= filter on domain ✓ #TATT2= filter on nature ✓ #TATT<x> filter on extended attribute with x = [3,16]
14* *	Register variable name which contains the maximum priority level of alarms on acknowledged.	C	19+14 <= 256	From 0 to 29 if at least one alarm is on acknowledged 31 if not.
15* *	Register variable name which contains the maximum priority level of alarms on not acknowledged.	C	19+15 <= 256	From 0 to 29 if at least one alarm is on not acknowledged 31 if not.
16* *	Enumeration alarm variable name which contains the maximum priority level of alarms on acknowledged.	C	19+16 <= 256	From 0 to 29 if at least an alarm is on acknowledged 255 if not.

17*	Enumeration alarm variable name which contains the maximum priority level of alarms on not acknowledged.	C	19+17 <= 256	From 0 to 29 if at least one alarm is on not acknowledged 255 if not.
18*	Enumeration alarm variable name which contains the maximum priority level of alarms on acknowledged and on not acknowledged.	C	19+18 <= 256	From 0 to 29 if at least one alarm is on acknowledged or not acknowledged 255 if not.
19	Variable branch name. This branch prefix the variable name of field 14, 15, 16, 17, 18 and 20 to 33.	C	<= 254	
20	Register variable name which contains number of on and not acknowledged alarm.	C	19+20 <= 256	[0, N] N = alarm number
21	Register variable name which contains number of on alarm and acknowledged.	C	19+21 <= 256	[0, N] N = alarm number
22	Register variable name which contains number of on alarm (acknowledged or on not).	C	19+22 <= 256	[0, N] N = alarm number
23	Register variable name which contains number of off and not acknowledged alarm.	C	19+23 <= 256	[0, N] N = alarm number
24	Register variable name which contains number of off and acknowledged alarm.	C	19+24 <= 256	[0, N] N = alarm number
25	Register variable name which contains number of invalid alarm.	C	19+25 <= 256	[0, N] N = alarm number
26	Register variable name which contains number of masked alarm.	C	19+26 <= 256	[0, N] N = alarm number
27	Register variable name which contains number of masked by user alarm.	C	19+27 <= 256	[0, N] N = alarm number
28	Register variable name which contains number of masked by program alarm.	C	19+28 <= 256	[0, N] N = alarm number

29	Register variable name which contains number of masked alarm by dependence of another variable.	C	19+29 <= 256	[0, N] N = alarm number
30	Register variable name which contains number of masked alarm by an expression.	C	19+30 <= 256	[0, N] N = alarm number
31	Register variable name which contains number of on alarm and in maintenance mode.	C	19+31 <= 256	[0, N] N = alarm number
32	Register variable name which contains number of off alarm and in maintenance mode.	C	19+32 <= 256	[0, N] N = alarm number
33	Register variable name which contains number of inhibited alarm.	C	19+33 <= 256	[0, N] N = alarm number

(*)

Field 9 :

Available only with version 10.0SP1 Update and later.

Examples :

Naming : Region<xx>.Plant<xx>.Building<xx>.Floor<xx>.Office<xx>

Counter of region «Region02 » and in plant « Plant21 »

Field 9=Region02.Plant21

Counter of region « Region01 » and building « Building04 »

Field 9=Region01.*.Building04

Counter of region « Region01 », building « Building04 » and office « Office09 »

Field 9=Region01.*.Building04.*.Office09

(**)

Before version 11.1, this variable name is not prefixed by branch Name (field 19).