

**TURCK**

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**DIAGNOSTIC  
POWER  
CONDITIONER  
SYSTEM**

**DPC ALERT MANAGER**





# DPC-ALERT-Manager

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### 1 Brief description of the DPC-ALERT-Manager

The DPC-ALERT-Manager is suitable to read or rather save past events which are logged in the HSE field device, DPC-DPC-49-HSFED/24VDC.

In addition, the DPC-ALERT-Manager offers the opportunity to display CSV data files, sort by content, format cells, and then print the content.

#### 1.1 Functionality of the Event Archive in the DPC-49-HSFED/24VDC and the DPC-ALERT-Manager

Each error message or rather threshold interference which causes the alarm relay of the DPC-system to switch is archived in an event memory of the HSE field device, DPC-49-HSEFD/24VDC. Here, each event is logged in the log file "HistLogData.csv" (Event Archive) which is made available to the user via the integrated FTP-server of the DPC-49-HSFED/24VDC. This Event Archive can be read and deleted with the help of the DPC-ALERT-Manager. The events are numbered and time-stamped. A maximum of 10,000 events are saved.

The Event Archive is deleted by switching off the supply voltage but can be deleted with the help of the DPC-ALERT-Manager as well. When switching on again, the last 100 event entries are transferred from the event memory of the DPC-49-HSEFD/24VDC to the Event Archive.



#### Note

Please note: The time server in the DPC-49-HSEFD/24VDC can not be configured so that the internal time will start on 01.01.1970 with each restart.

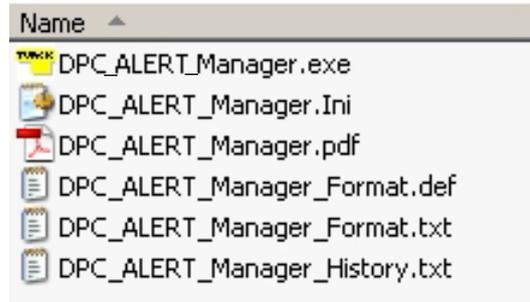
The DPC-49-HSEFD/24VDC event memory is only available starting with Firmware 2.2.0.0!

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## 2 Installation of the DPC-ALERT-Manager

Unzip the Zip-file "DPC\_ALERT\_Manager.zip" in one of the folders and name the folder.  
 The unzipped folder contains the following data files:

Figure 1:  
 Content of the  
 zip-file "DPC\_  
 ALERT\_  
 Manager.zip"



Start:  DPC\_ALERT\_Manager.exe

The following start page is displayed:

Figure 2:  
 Start page of  
 the DPC-  
 ALERT-  
 Manager.



3 Display, save, and delete Event Archive and CSV data files.

3.1 Display Event Archive from the DPC-49-HSEFD/24VDC.

- E.g. enter IP-address of the respective DPC-49-HSEFD/24VDC.

- Click on the button "Load Logfile".

The following user interface is displayed:

Figure 3:  
User interface of  
the DPC-  
ALERT-  
Manager

The screenshot shows the DPC-ALERT-Manager application window. At the top, there is a menu bar with 'File' and 'Help'. Below the menu bar, there is a toolbar with icons for file operations. The main interface features a text input field for the IP address of the DPC-49-HSEFD, currently set to '192.168.1.254'. To the right of the input field are three buttons: 'Load Logfile', 'Delete Logfile', and 'Refresh Logfile'. The 'TURCK Industrial Automation' logo is visible in the top right corner. The central part of the interface is a large table displaying event logs. The table has the following columns: Event Number, Date (01-01-1970 after restart), Time after restart, MAC-ID of DPC49HSEFD, Module Rack, H1-Segment, Tagname H1-Segment, Diagnostic, Status, Alarm Value, Threshold, and Unit. The table contains 25 rows of data, with various status indicators such as 'Out of Specification', 'Good', and 'Hardware Error'.

Event Number	Date	Time after restart	MAC-ID of DPC49HSEFD	Module Rack	H1-Segment	Tagname H1-Segment	Diagnostic	Status	Alarm Value	Threshold	Unit
718	01-01-1970	00:47:54.760	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	LAS not available	-	-	-
719	01-01-1970	00:47:55.827	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm LAS Signal (LOLO)	846.0	150.0	mV
720	01-01-1970	00:47:55.829	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal (LOLO)	844.0	150.0	mV
721	01-01-1970	00:47:55.830	00:07:46:00:09:18	1	1	01DPC161.L1	Good	LAS not available	-	-	-
722	01-01-1970	00:00:18.402	00:07:46:00:09:18	1	1 to 4		Good	ADU not available	-	-	-
723	01-01-1970	00:00:18.368	00:07:46:00:09:18	1	1 to 4		Good	ADU not available	-	-	-
724	08-01-1970	07:23:52.117	00:07:46:00:09:18	1	1	01DPC161.L1	Hardware Error	IPS Module A not available	-	-	-
725	08-01-1970	07:23:55.896	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Ripple (HHH)	987.0	100.0	mV
726	08-01-1970	07:23:55.897	00:07:46:00:09:18	1	1	01DPC161.L1	Good	State IPS Module A - Segmentvoltage	-	-	-
727	08-01-1970	07:23:57.677	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Ripple (HHH)	15.0	100.0	mV
728	26-01-1970	04:12:41.125	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal (HHH)	1498.0	1100.0	mV
729	26-01-1970	04:12:45.643	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	836.0	1100.0	mV
730	28-01-1970	06:21:51.522	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal (HHH)	1503.0	1100.0	mV
731	28-01-1970	07:56:54.625	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	841.0	1100.0	mV
732	01-01-1970	00:00:18.419	00:07:46:00:09:18	1	1 to 4		Good	ADU not available	-	-	-
733	20-01-1970	22:25:27.479	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Noise (HHH)	132.0	100.0	mV
734	20-01-1970	22:25:28.459	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Noise (HHH)	38.0	100.0	mV
735	20-01-1970	22:58:48.545	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal (HHH)	1508.0	1100.0	mV
736	20-01-1970	22:58:48.869	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	836.0	1100.0	mV
737	20-01-1970	22:58:49.841	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal (HHH)	1503.0	1100.0	mV
738	20-01-1970	22:59:33.692	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	838.0	1100.0	mV
739	20-01-1970	22:59:35.678	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal (HHH)	1506.0	1100.0	mV
740	20-01-1970	23:14:20.730	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	838.0	1100.0	mV
741	20-01-1970	23:26:09.427	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal (HHH)	1514.0	1100.0	mV
742	20-01-1970	23:26:39.103	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	973.0	1100.0	mV
743	20-01-1970	23:46:47.338	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal (HHH)	1503.0	1100.0	mV
744	20-01-1970	23:46:51.915	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	844.0	1100.0	mV
745	21-01-1970	00:12:50.530	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Ripple (HHH)	203.0	100.0	mV
746	21-01-1970	00:12:50.851	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Ripple (HHH)	74.0	100.0	mV
747	21-01-1970	00:12:51.173	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Pre Alarm Ripple (H)	43.0	50.0	mV
748	01-01-1970	00:00:18.296	00:07:46:00:09:18	1	1 to 4		Good	ADU not available	-	-	-
749	01-01-1970	00:00:18.389	00:07:46:00:09:18	1	1 to 4		Good	ADU not available	-	-	-

### 3.2 Save Event Archive from the DPC-49-HSEFD/24VDC.

- E.g. enter IP-address of the desired DPC-49-HSEFD/24VDC.

- Click on the button "Load Logfile".



- Click on the memory icon in the menu



or chose "Save As" in the pull-down menu under "**File**".

- Chose location and file name.

### 3.3 Delete Event Archive in the DPC-49-HSEFD/24VDC.

- E.g. enter IP-address of the respective DPC-49-HSEFD/24VDC.

- Click on the button "Delete Logfile"..



#### Note

When choosing the button "Delete Logfile" or "Refresh Logfile", a message appears that the current file has not been saved. Acknowledge with "Yes" or "No" whether the file is to be saved (see Figure 4).

Figure 4:  
Acknowledge:  
Save/do not  
save file.



### 3.4 Open CSV data file from a directory.

- Click on the folder icon in the menu list



or chose "Open" under File in the pull-down menu.

- Chose location and file name, e.g. "HistLogData.csv".

### 3.5 Save CSV data file to a directory.

- Click on the following icon in the menu:



or chose "Save As" in the pull-down menu under "**File**".

- Chose location and file name.



#### **Note**

Further processing with any text editor is possible.

---

## 4 Structure of the Event Archive

Figure 5:  
Structure of the  
Event Archive

Event Number	Date 01-01-1970 after restart	Time after restart	MAC-ID of DPC49HSEFD	Module Rack	H1-Segment	Tagname H1-Segment	Diagnostic	Status	Alarm Value	Threshold	Unit
718	01-01-1970	00:47:54.760	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	LAS not available	-	-	-
719	01-01-1970	00:47:55.827	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm LAS Signal [LOLD]	846.0	150.0	mV
720	01-01-1970	00:47:55.829	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal [LOLD]	844.0	150.0	mV
721	01-01-1970	00:47:55.830	00:07:46:00:09:18	1	1	01DPC161.L1	Good	LAS not available	-	-	-
722	01-01-1970	00:00:18.402	00:07:46:00:09:18	1	1 to 4		Good	ADU not available	-	-	-
723	01-01-1970	00:00:18.368	00:07:46:00:09:18	1	1 to 4		Good	ADU not available	-	-	-
724	08-01-1970	07:23:52.117	00:07:46:00:09:18	1	1	01DPC161.L1	Hardware Error	IPS Module A not available	-	-	-
725	08-01-1970	07:23:55.896	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Ripple [HHH]	987.0	100.0	mV
726	08-01-1970	07:23:55.897	00:07:46:00:09:18	1	1	01DPC161.L1	Good	State IPS Module A - Segmentvoltage	-	-	-
727	08-01-1970	07:23:57.677	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Ripple [HHH]	15.0	100.0	mV
728	26-01-1970	04:12:41.125	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal [HHH]	1498.0	1100.0	mV
729	26-01-1970	04:12:45.643	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal [HHH]	836.0	1100.0	mV
730	28-01-1970	06:21:51.522	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal [HHH]	1503.0	1100.0	mV
731	28-01-1970	07:56:54.625	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal [HHH]	841.0	1100.0	mV
732	01-01-1970	00:00:18.419	00:07:46:00:09:18	1	1 to 4		Good	ADU not available	-	-	-
733	20-01-1970	22:25:27.479	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Noise [HHH]	132.0	100.0	mV
734	20-01-1970	22:25:28.459	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Noise [HHH]	38.0	100.0	mV
735	20-01-1970	22:58:48.545	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal [HHH]	1508.0	1100.0	mV
736	20-01-1970	22:58:48.869	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal [HHH]	836.0	1100.0	mV
737	20-01-1970	22:58:49.841	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal [HHH]	1503.0	1100.0	mV
738	20-01-1970	22:59:33.692	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal [HHH]	838.0	1100.0	mV
739	20-01-1970	22:59:35.678	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal [HHH]	1506.0	1100.0	mV
740	20-01-1970	23:14:20.730	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal [HHH]	838.0	1100.0	mV
741	20-01-1970	23:26:09.427	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal [HHH]	1514.0	1100.0	mV
742	20-01-1970	23:26:39.103	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal [HHH]	973.0	1100.0	mV
743	20-01-1970	23:46:47.338	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Device Signal [HHH]	1503.0	1100.0	mV
744	20-01-1970	23:46:51.915	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Device Signal [HHH]	844.0	1100.0	mV
745	21-01-1970	00:12:50.530	00:07:46:00:09:18	1	1	01DPC161.L1	Out of Specification	Main Alarm Ripple [HHH]	203.0	100.0	mV
746	21-01-1970	00:12:50.951	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Main Alarm Ripple [HHH]	74.0	100.0	mV
747	21-01-1970	00:12:51.173	00:07:46:00:09:18	1	1	01DPC161.L1	Good	Pre Alarm Ripple [H]	43.0	50.0	mV
748	01-01-1970	00:00:18.296	00:07:46:00:09:18	1	1 to 4		Good	ADU not available	-	-	-
749	01-01-1970	00:00:18.389	00:07:46:00:09:18	1	1 to 4		Good	ADU not available	-	-	-

Each line of the archive describes one event.

### 4.1 Column descriptions in the header

The following column descriptions are displayed in the header (from left to right):

- "Event Number" = serial number of the event
- "Date 01-01-1970 after restart" = date of the event  
(Expl.: 20-01-1970 means 20 days left after switching on the DPC-49-HSEFD)
- "Time after restart" = time of the event (HH: MM: SS.MS)  
(Expl.: 13: 25: 48.249 means 13 hours, 25 minutes and 48.249 seconds left after switching on the DPC-49-HSEFD))
- "MAC-ID of DPC-49-HSEFD" = corresponding MAC-ID of the DPC-49-HSEFD
- "Module Rack" = assigned rack number for logged event
- "H1-Segment" = assigned H1-segment (1...16) for logged event
- "Tagname H1-Segment" = configured tag description of the related H1-segment
- "Diagnostic" = classification of the event (Error Class)
- "Status" = Description of the logged event
- "Alarm Value" = measurement value which caused the threshold interference
- "Threshold" = parameterized threshold which caused the threshold violation
- "Unit" = unit of measurement values

## 5 Sort and filter content of tables

### 5.1 Sort functions

By clicking the mouse button on the header to be sorted (e.g. see Figure 6 "Ascending Sort in the Column Diagnostic"), the table can be sorted in ascending or descending order of values.

Figure 6: Archive List – sorted in ascending order according to values in the column "Diagnostic"

Event Number	Date 01-01-1970 after restart	Time after restart	MAC-ID of DPC49-HSEFD	Module Rack	H1-Segment	Tagname H1-Segment	Diagnostic	Status	Alarm Value	Threshold	Unit
782	07-01-1970	09:03:45.312	00:07:46:00:0...	1	1 to 4		Communicatio...	ADU not available	-	-	-
719	01-01-1970	00:47:55.827	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm LAS Signal (LOLO)	846.0	150.0	mV
720	01-01-1970	00:47:55.829	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm Device Signal (LOLO)	844.0	150.0	mV
721	01-01-1970	00:47:55.830	00:07:46:00:0...	1	1	01DPC161.L1	Good	LAS not available	-	-	-
722	01-01-1970	00:00:18.402	00:07:46:00:0...	1	1 to 4		Good	ADU not available	-	-	-
723	01-01-1970	00:00:18.368	00:07:46:00:0...	1	1 to 4		Good	ADU not available	-	-	-
726	08-01-1970	07:23:55.897	00:07:46:00:0...	1	1	01DPC161.L1	Good	State IPS Module A - Segment...	-	-	-
727	08-01-1970	07:23:57.677	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm Ripple (HHH)	15.0	100.0	mV
729	26-01-1970	04:12:45.643	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	836.0	1100.0	mV
731	28-01-1970	07:56:54.625	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	841.0	1100.0	mV
732	01-01-1970	00:00:18.419	00:07:46:00:0...	1	1 to 4		Good	ADU not available	-	-	-
734	20-01-1970	22:25:28.459	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm Noise (HHH)	38.0	100.0	mV
736	20-01-1970	22:58:48.869	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	836.0	1100.0	mV
738	20-01-1970	22:59:33.692	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	838.0	1100.0	mV
740	20-01-1970	23:14:20.730	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	838.0	1100.0	mV
742	20-01-1970	23:26:39.103	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	973.0	1100.0	mV
744	20-01-1970	23:46:51.915	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm Device Signal (HHH)	844.0	1100.0	mV
746	21-01-1970	00:12:50.851	00:07:46:00:0...	1	1	01DPC161.L1	Good	Main Alarm Ripple (HHH)	74.0	100.0	mV

### 5.2 Filter functions

By entering search criteria into the yellow marked lines (Figure 7 "Filter Line"), it is possible to filter the table according to certain content.

Figure 7: Filter line

Event Number	Date 01-01-1970 after restart	Time after restart	MAC-ID of DPC49-HSEFD	Module Rack	H1-Segment	Tagname H1-Segment
718	01-01-1970	00:47:54.760	00:07:46:00:09:1B	1	1	01DPC161.L1
719	01-01-1970	00:47:55.827	00:07:46:00:09:1B	1	1	01DPC161.L1

- Enter term into column to be filtered (example, see Figure 8). Also "Wildcards" are allowed.
- With a click on the "Refresh Logfile" button all filter options become active:



E. g. the following list is generated:

Figure 8:  
Filtering of column  
"Diagnostic"  
according to  
search criteria  
"Hardware  
Error"

H1-Segment	Tagname H1-Segment	Diagnostic	Status	Alarm Value
		Hardware Error		
2	01DPC161.L2	Hardware Error	IPS Module B...	-
1	01DPC161.L1	Hardware Error	IPS Module A...	-
1	01DPC161.L1	Hardware Error	IPS Module B...	-
2	01DPC161.L2	Hardware Error	IPS Module A...	-

### 5.3 Search options

The search option allows the use of place holders, so-called "Wildcards".

Thus you are able to compare the individual characters of a character string to a certain character, a place holder, a character string or a character range in the respective column.

E.g. the following possibilities exist:

- The character "?" is used to filter for concordance with a user-defined character.
- The character "\*" is used to filter for concordance with Null or multiple characters.
- The character "#" is used to filter for concordance with a user-defined, one-digit number between 0 and 9.

The following example is used for clarification:

The search involves events which occurred on the 28th of any month of any year!

- Here, the filter entry in the column "Date 01-01-1970 after restart" is as follows:  
28-??-????
- Click on the button "Refresh Logfile".



The following events are filtered:

Figure 9:  
Filtering in the  
column  
"Date..."

Event Number	Date 01-01-1970 after restart	Time after restart	MAC-ID of DPC49-HSEFD	Module Rack
	28-??-????			
730	28-01-1970	06:21:51.522	00:07:46:00:0...	1
731	28-01-1970	07:56:54.625	00:07:46:00:0...	1

## 6 Format Display of Tables

The display of the tables can be adjusted individually.

It is possible to format the cells with the function "Format".

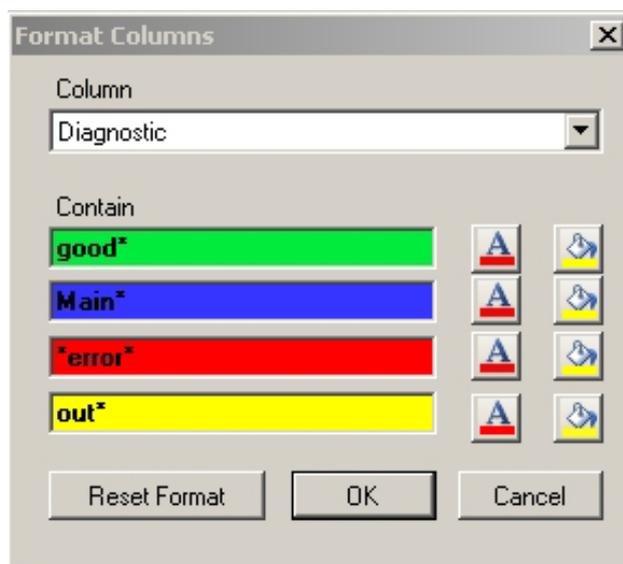
- Chose the following Format icon:



or chose "Format" in the pull-down menu under "**File**".

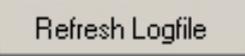
The following window appears:

Figure 10:  
Format window



- In the choice box "Column", the column to be formatted is chosen.
- The content of the cell to be formatted is defined in the field "Contain". Wildcards may also be used, see section Search Options on Page 11.

### 6.1 Adjust font and background color.

-  Choice of font
-  Choice of background color
-  Reset all changes to the default setting.
- In order to accept the desired format, the window must be closed with  and the file must be actualized with "Refresh-Logfile".  


7 Print files

The current and/or filtered view of the file may be printed with the "Print" function.

- Chose the following print icon:



or chose "Print" in the pull-down menu under "File".

The following sample print preview is displayed:

Figure 11:  
Display of the  
list to be printed

Line	Event Number	Date 01-01-1970 after restart	Time after restart	MAC-ID of DPC49-HSFD	Module Rack	HI-Segment	Tagname HI-Segment	Diagnostic	Status	Alarm Value	Threshold	Unit
1	704	01-01-1970	00:34:16.484	00:07:46:00:09:1B	1	4	01DPC161.L4	Good	State IPS Module A - Segmentvoltage	-	-	-
2	705	01-01-1970	00:34:19.760	00:07:46:00:09:1B	1	2	01DPC161.L2	Hardware Error	IPS Module B not available	-	-	-
3	706	01-01-1970	00:39:11.660	00:07:46:00:09:1B	1	1	01DPC161.L1	Good	Pre Alarm Ripple (HI)	0.0	50.0	mV
4	707	01-01-1970	00:39:11.661	00:07:46:00:09:1B	1	1	01DPC161.L1	Out of Specification	LAS not available	-	-	-
5	708	01-01-1970	00:39:11.663	00:07:46:00:09:1B	1	1 to 4		Good	Main Alarm Power Supply Pwr A (LOLO)	24.5	20.0	V
6	709	01-01-1970	00:39:11.665	00:07:46:00:09:1B	1	1 to 4		Good	Main Alarm Power Supply Pwr B (LOLO)	23.7	20.0	V
7	710	01-01-1970	00:39:12.755	00:07:46:00:09:1B	1	1	01DPC161.L1	Good	Main Alarm LAS Signal (LOLO)	844.0	150.0	mV
8	711	01-01-1970	00:39:12.757	00:07:46:00:09:1B	1	1	01DPC161.L1	Good	Main Alarm Device Signal (LOLO)	838.0	150.0	mV
9	712	01-01-1970	00:39:12.758	00:07:46:00:09:1B	1	1	01DPC161.L1	Good	LAS not available	-	-	-
10	713	01-01-1970	00:40:44.445	00:07:46:00:09:1B	1	2	01DPC161.L2	Good	State IPS Module B - Segmentvoltage	-	-	-
11	714	01-01-1970	00:46:36.957	00:07:46:00:09:1B	1	1 to 4		Communication Error	ADU not available	-	-	-
12	715	01-01-1970	00:47:54.472	00:07:46:00:09:1B	1	1 to 4		Good	ADU not available	-	-	-

- "Print-Preview" shows a preview window of the print results.
- "Print" sends the print data to the selected printer.

## 8 Error messages

A connection to the DPC-49-HSEFD/24VDC could not be established.

Possible errors:

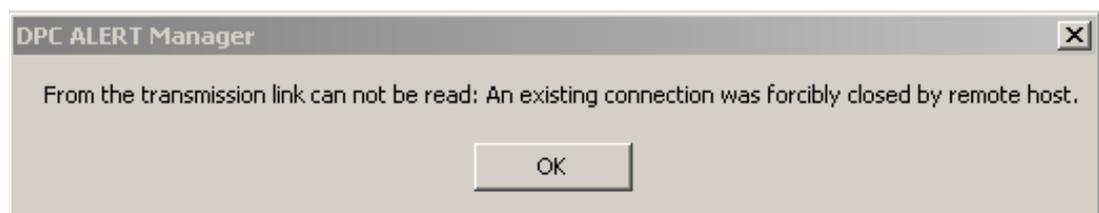
- Different network settings: IP address, subnet
- DPC-49-HSEFD/24VDC disconnected

Figure 12:  
Invalid IP-  
address



- Logfile was deleted by the user; no archive available; no new alarms/events were signalled after deleting logfile.

Figure 13:  
Logfile can not  
be read.



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