Info-Display
758600xx

Technical documentation

The Info-Display receives telegrams via the *instabus* EIB and allows the representation (LC display) of freely-programmable texts and values.

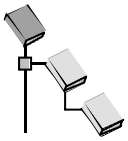
Up to 12 pages with 1, 2 or 4 lines are programmable. A function (switching, dimming, value display etc) can be assigned to each line.

Up to 12 alarm messages can be administered on an additional alarm page. An acoustic and/or visual alarm function can be assigned to an alarm message.

The two right-hand buttons are used to scroll the individual messages up and down. The two left-hand buttons are assigned to the display line which is currently selected. Following the appropriate project work, telegrams are transmitted to the *instabus* EIB when these buttons are activated.

The Info-Display is pushed onto a UP bus coupling unit and completed by means of a frame for the appropriate switch design.

Database structure:



Gebr. Berker

- Displays
- LCD Displays

Application overview:
Display 500D01

Technical data	
External power supply:	none
Power supply for *instabus* EIB	
Voltage:	24V DC (+6V / -4V)
Power consumption:	max. 5mA
Connection:	via user interface to flush-mounted BCU
Protection type:	IP 20
Insulation voltage:	
Test mark:	--
Response after bus voltage failure:	none
Response after switching on again:	parameterable status polling
Ambient temperature:	0°C to +45°C
Storage/transport temperature:	- 25°C to +70°C
Fitting position:	
Minimum clearances:	none
Fitting method:	Snap-fitting onto flush-mounted bus coupling unit

Software:	
Application:	**Display 500D01**
Number of addresses (max):	78
Number of assignments (max):	127
Communication objects (max):	50 (number depends on parameterization)
RAM storage space reserved for object values:	99 bytes
Texts (max):	128

Parameter and object description

The general characteristics are influenced by the general parameters. The table lists the available settings.

General parameters		
Description	**Values**	**Comment**
LCD contrast	**Level 1 (normal contrast)** Level 2 Level 3 (strong contrast)	Sets the characteristics of the LCD background lighting contrast.
LCD lighting	Always ON Always OFF **When pressing a key** via switching object	Sets the characteristics of the LCD background lighting.
LCD lighting intensity *Not visible when LCD lighting "Always OFF"*	Normal **Bright**	Specifies the brightness of the LCD background illumination For "bright", increased power consumption (approx. 13 mA / 5V).
Length of illumination *Only visible when LCD illumination "When pressing a key"*	15sec, 30sec, 45sec, **1min**, 1.5min, 2min, 5min, 10min, 15min, 30min, 1h	Specifies the switch-on period for the LCD background lighting after the last button activation.
LCD lighting at *Only visible when illumination = via switching object*	**1-telegram** 0-telegram	Specifies at what object value the display lighting is switched on.
Automatically to start page	No, 15sec, 30sec, 45sec, **1min**, 1.5min, 2min, 5min, 10min, 15min, 30min, 1h	Specifies whether and after what period following the last button activation the start page (page 1) is automatically shown in the display.
Alarm in case of removal	**No function** 1 Bit 1 Byte	Specifies whether a telegram is to be set if the application module (Info-display) is removed from the bus coupling unit.
Object value in case of removal *Only visible with "Alarm in case of removal = 1 bit"*	**1-telegram** 0-telegram	Specifies the object value which is transmitted if the application module (Info-display) is removed from the bus coupling unit.
Object value in case of removal *Only visible with "Alarm in case of removal = 8 bit"*	**0**...255	Specifies the object value which is transmitted if the application module (Info-display) is removed from the bus coupling unit.
Date	**DD:MM:YY** MM:DD:YY	Defines the way the date is displayed.
Time	**24 hours** 12 hours	Defines the way the time is displayed.
Demand date/time	**NO** YES	Specifies whether the unit is to request the time/date from the EIB master clock.
Demand object value for date/time *Only visible when "Demand date/time = YES"*	1-telegram **0-telegram**	Specifies the object value which is to be sent to the EIB master clock to request the date/time.

General display objects			
Function	**Name**	**Type**	**Flags**
Switch illumination *Only visible if parameter " LCD lighting = via switching object"*	Object x ( )	EIS1 (1 bit)	C, W
Alarm in case of removal *Only visible if parameter "Alarm in case of removal = 1 bit"*	Object x ( )	EIS1 (1 bit)	C, Ü
Alarm in case of removal *Only visible if parameter "Alarm in case of removal = 8 bit"*	Object x ( )	EIS6 (8 bit)	C, Ü
Date	Object x ( )	EIS4 (3 byte)	C, W
Time	Object x ( )	EIS3 (3 byte)	C, W
Demand date/time *Only visible if parameter "Demand date/time = YES"*	Object x ( )	EIS1 (1 bit)	C, Ü

Display pages

The design of the display pages is dependent on the page parameters. Here it is specified how many lines the Info-display displays and which functions the individual lines take over.

Page parameters: Page (1...12)

Page parameters		
Description	**Values**	**Comment**
Page function	**No function** Display	Specifies the function of this page.
Number of lines	1 2 **4**	Specifies the number of lines (and thus the type size and characters/line) on the page.

Parameters of lines if "Page function = Display"

Line parameters		
Description	**Values**	**Comment**
Line function *Only visible if parameter "Page function = DISPLAY"*	**No function** Text display Switching Dimming Shutter Value Date Time Time+date ASCII text Light scene Forced guidance (Operator prompting)	Specifies the function of this line.

Page objects

Page objects			
Function	**Name**	**Type**	**Flags**
None			

Display lines

The following possibilities exist for the parameterization of the individual line functions.

Line parameters: Line (1...4)

Parameters of lines if "Page function = Display" and "Line function = Text display"

Line parameters		
Description	**Values**	**Comment**
Text		The static text which is displayed in this line (max. 16 characters).
X-position of the text	1...16	Specifies the left indentation for the text.

Line objects			
Function	**Name**	**Type**	**Flags**
None			

Parameters of lines if "Page function = Display" and "Line function = Switching"

Line parameters		
Description	**Values**	**Comment**
Text		The static text which is displayed in this line (max. 16 characters).
X-position of the text	**1**…16	Specifies the left indentation for the text.
Function of keys 1 + 2	Enabled **Disabled**	Specifies whether the cursor in the unit's display operating mode can be placed in this line.
Note: When the function of buttons 1+2 is released and the unit is in display operating mode, the cursor can be positioned in this line (inversion of the entire line). When the cursor is positioned in this line, telegrams can be triggered with buttons 1 and 2.		
Protection against unauthorized operation *Only visible when the function of buttons 1 + 2 = Disabled*	Enabled **Disabled**	Specifies whether this line can be made "diallable" with the cursor by simultaneous activation of buttons 1 and 2 for at least 3 seconds (unit switches to transmission mode).
Note: The unit switches back to display mode after 15 seconds without any buttons being activated or by simultaneous pressing of buttons 1 and 2 for at least 3 seconds.		
Display text for 1	**ON**	Text to be displayed when object value = 1
Display text for 0	**OFF**	Text to be displayed when object value = 0
X-position of the value	**14**	
Function button 1, 2 *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	**no function** ON OFF Toggle	Response to button activation when the cursor is positioned in this line in display mode and transmission mode
Alarm	Enabled **Disabled**	With this parameter, a message function can be assigned to the line. If the alarm function is activated, a copy of this line is stored on the alarm page. Setting of the **alarm parameters** takes place on the alarm page.

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
Switching (Object x)	Object x	EIS1 (1 bit)	C, W, Ü

Parameters of lines if "Page function = Display" and "Line function = Dimming"

Line parameters		
Description	**Values**	**Comment**
Text		The static text displayed in this line (max. 16 characters).
X-position of the text	**1**…16	Specifies left-hand indentation of the text.
Function of the keys 1 + 2	Enabled **Disabled**	Specifies whether the cursor can be set in this line when the unit is in display mode.
Protection against unauthorized operation *Only visible when the function of buttons 1 + 2 = Disabled*	Enabled **Disabled**	Specifies whether this line can be made "diallable" with the cursor by simultaneous activation of buttons 1 and 2 for at least 3 seconds (unit switches to transmission mode).
Display type of the value	**Circuit state (Switching status** Brightness value	Specifies whether the value will be displayed as 1 Bit switch information or as real brightness value.
Display text for 1 *Only visible when displayed value = Circuit state*	**ON**	Text to be displayed when object value = 1.
Display text for 0 *Only visible when displayed value = Circuit state*	**OFF**	Text to be displayed when object value = 0.
Display format *Only visible when displayed value = Brightness value*	**0...100%** 0...255	Indicates the real brightness value in 8 Bit or "%" format.
X-position of the value	**13**	Specifies left-hand indentation of the text.
Function key 1, 2 *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	**No function** ON (brighter) OFF (darker) TOGGLE	Response to button activation when the cursor is positioned in this line in display mode and transmission mode.
Time base between switching and dimming *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	**130msec** 260msec 520msec 1s	Time basis between key activation and dimming telegram release.
Time factor between switching and dimming *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	2, **3,** 4, ... ,127	Time factor between key activation and dimming telegram release.

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
Switching (Object x)	Object x	EIS1 (1 bit)	C, W, Ü
Dimming (Object x)	Object x	EIS2 (4 bit)	C, W, Ü
Value (Object x) *Only visible when displayed value = Brightness value*	Object x	EIS2 (8 bit)	C, W

Parameters of lines if "Page function = Display" and "Line function = Shutter"

Line parameters		
Description	**Values**	**Comment**
Text		The static text displayed in this line (max. 16 characters).
X-position of the text	**1**…16	Specifies left-hand indentation of the text.
Function of the keys 1 + 2	Enabled **Disabled**	Specifies whether the cursor can be set in this line when the unit is in display mode.
Protection against unauthorized operation *Only visible when the function of buttons 1 + 2 = Disabled*	Enabled **Disabled**	Specifies whether this line can be made "selectable" with the cursor by simultaneous activation of buttons 1 and 2 for at least 3 seconds (unit switches to transmission mode).
Display type of the value	**Shutter state** Position	Specifies whether the value will be displayed as 1 Bit UP/DOWN information or as real position value.
Display text for 1 *Only visible when displayed value = Shutter state*	**Down**	Text to be displayed when object value = 1
Display text for 0 *Only visible when displayed value = Shutter state*	**Up**	Text to be displayed when object value = 0
Display format *Only visible when displayed value = Position*	**0...100%** 0...255	Indicates the real position value in 8 Bit or "%" format.
X-position of the value	**13**	
Function key 1, 2 *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	**No function** DOWN UP	Response to button activation when the cursor is positioned in this line in display mode and transmission mode.
Time basis between short-time and long-time operation *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	**5msec** 130msec 2.1sec	Time basis between button activation and move telegram release.
Time factor between short-time and long-time operation *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	0...255, **30**	Time factor between button activation and move telegram release.
Slat adjustment time, basis *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	**5msec** 130msec 2.1sec 33sec	Time basis for the time which is started when the move telegram is released. If the button is released before the time has expired, a further step telegram is released (slat adjustment), otherwise not.
Slat adjustment time, factor *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	0...128, **128**	Time factor for slat adjustment time.

Line objects: next page

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
Function:	**Name:**	**Type:**	**Flags:**
Step (Object x)	Object x	EIS7 (1 bit)	C, W,Ü
Move (Object x)	Object x	EIS7 (1 bit)	C, W,Ü
Position (Object x) *Only visible when displayed value = Position*	Object x	EIS2 (8 bit)	C, W

Parameters of lines if "Page function = Display" and "Line function = Value"

Line parameters		
Description	**Values**	**Comment**
Text		The static text which is displayed in this line (max. 16 characters).
X-position of the text	1…16	Specifies left-hand indentation of the text.
Function of the keys 1 + 2	Enabled **Disabled**	Specifies whether the cursor can be set in this line when the unit is in display mode.
Edit *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	Enabled **Disabled**	Specifies whether this line can be put in editing mode.
Note: When edit = Enabled, the line can be switched from "transmission" mode to "edit" mode by simultaneous activation of buttons 3 and 4 for at least 3 seconds. In "edit" mode, one digit of the changeable value is displayed inverted (editor cursor) and can be incremented or decremented with buttons 1 and 2. Buttons 3 and 4 can be used to position the edit cursor on the next or the previous digit respectively. The unit switches back to transmission mode when the buttons have not been activated for 15 seconds or when buttons 3 and 4 are activated simultaneously for at least 3 seconds.		
Protection against unauthorized operation *Only visible when the function of buttons 1 + 2 = Disabled*	Enabled **Disabled**	Specifies whether this line can be made "selectable" with the cursor by simultaneous activation of buttons 1 and 2 for at least 3 seconds (unit switches to transmission mode).
Value type	**EIS5 (value)** EIS6 (scaling) EIS9 (float value) EIS10 (16 bit counter value) EIS11 (32 bit counter value) EIS14 (8 bit counter value)	Defines the object type
Display format *Only visible when value type = EIS6*	**0...100%** 0...255 bit-oriented	Defines the object type
X-position of the value	**10**	
Offset *Not visible if value type = EIS6 ; bit-oriented or EIS6; 0...100%*	1.17549435E-38 ... 3.402823466E+38, **0**	Displayed value = offset + original value * amplification
Gain *Not visible if value type = EIS6 ; bit-oriented or EIS6; 0...100%*	1.17549435E-38 ... 3.402823466E+38, **1**	Displayed value = offset + original value * amplification

Places before decimal place *Not visible if value type = EIS6; bit-oriented or EIS6; 0...100%*	**1**...10	
Places before decimal place *Not visible if value type = EIS6; bit-oriented or EIS6; 0...100%*	**0**...2	
Bit to be evaluated *Only visible if value type = EIS6 and bit-oriented*	**0**...7	
Display text for Bit x *Only visible if value type = EIS6 and bit-oriented*	**OFF**	
Display text for Bit x *Only visible if value type = EIS6 and bit-oriented*	**ON**	
Key 1 *Not visible if value type = EIS6 ; bit-oriented*	Enabled **Disabled**	Specifies whether a value is to be transmitted when a button is activated
Key 2 *Not visible if value type = EIS6 ; bit-oriented*	Enabled **Disabled**	Specifies whether a value is to be transmitted when a button is activated.
Value key 1 *Only visible when key 1 = Enabled*	according to value type	Value = (displayed value – offset) / amplification transmitted when key 1 is activated (transmission mode).
Value key 2 *Only visible when key 2 = Enabled*	according to value type	Value = (displayed value – offset) / amplification transmitted when key 1 is activated (transmission mode).
Min value *Not visible if value type = EIS6 ; bit-oriented or edit = Disabled*	according to value type	Minimum value which can be set in editing mode.
Max value *Not visible if value type = EIS6 ; bit-oriented or edit = Disabled*	according to value type	Minimum value which can be set in editing mode.
Alarm function *Not visible when value type = EIS6 ; bit-oriented*	Enabled **Disabled**	This parameter can be used to assign an alarm function to the line.

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
Value (Object x) *Only visible when value type = EIS5*	Object x	EIS5 (2 bytes)	C, W, Ü
Value (Object x) *Only visible when value type = EIS6*	Object x	EIS6 (1 bytes)	C, W, Ü
Value (Object x) *Only visible when value type = EIS9*	Object x	EIS9 (4 bytes)	C, W, Ü
Value (Object x) *Only visible when value type = EIS10*	Object x	EIS10 (2 bytes)	C, W, Ü
Value (Object x) *Only visible when value type = EIS11*	Object x	EIS11 (4 bytes)	C, W, Ü
Value (Object x) *Only visible when value type = EIS14*	Object x	EIS14 (1 bytes)	C, W, Ü

Parameters of lines if “Page function = Display” and “Line function = Date”

Line parameters		
Description	**Values**	**Comment**
Text		The static text which is displayed in this line (max. 16 characters).
x-position of the text	1…16	Specifies left-hand indentation of the text.
x-position of the date	1…16	

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
none			

Parameters of lines if “Page function = Display” and “Line function = Time”

Line parameters		
Description	**Values**	**Comment**
Text		The static text which is displayed in this line (max. 16 characters).
x-position of the text	1…16	Specifies left-hand indentation of the text.
x-position of the time	1…16	

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
none			

Parameters of lines if “Page function = Display” and “Line function = Time + date”

Line parameters		
Description	**Values**	**Comment**
Text		The static text which is displayed in this line (max. 16 characters).
x-position of the text	1…16	Specifies left-hand indentation of the text.
x-position of the date	1…16	
x-position of the time	1…16	

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
none			

Parameters of lines if “Page function = Display” and “Line function = ASCII-text”

Line parameters		
Description	**Values**	**Comment**
Text		The static text which is displayed in this line (max. 16 characters).
x-position of the text	1…16	Specifies left-hand indentation of the text.
x-position of the ASCII text	1…16	
Length of the ASCII text	1…**14**	14 bytes are *always* transferred in the telegram. However, the number of the characters displayed can be parameterised.

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
Value (Object x)	Object x	EIS15 (14 bytes)	C, W

Parameters of lines if “Page function = Display” and “Line function = Light scene”

Line parameters		
Description	**Values**	**Comment**
Text		The static text which is displayed in this line (max. 16 characters).
X-position of the text	1…16	Specifies left-hand indentation of the text.
Function of keys 1 + 2	Enabled **Disabled**	Specifies whether the cursor can be set in this line when the unit is in display mode.
Protection against unauthorized operation *Only visible when the function of buttons 1 + 2 = Disabled*	Enabled **Disabled**	Specifies whether this line can be made “selectable” with the cursor by simultaneous activation of buttons 1 and 2 for at least 3 seconds (unit switches to transmission mode).
Light scene number key 1 *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	1...128,	Number of light scene which can be called up with key 1.
Light scene number key 2 *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	1...128,	Number of light scene which can be called up with key 2.
Function keys 1 + 2 *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	**Retrieve** Retrieve + Save No function	Call up light scene – release button within 3 sec. Light scene store telegram with long button push (after 3 secs).

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
Light scene (Object x)	Object x	Non EIS (8 bit)	C, Ü

Parameters of lines if “Page function = Display” and “Line function = Operator prompting (Forced guidance)”

Line parameters		
Description	**Values**	**Comment**
Text		The static text which is displayed in this line (max. 16 characters).
X-position of the text	1…16	Specifies left-hand indentation of the text.
Function of keys 1 + 2	Enabled **Disabled**	Specifies whether the cursor can be set in this line when the unit is in display mode.
Protection against unauthorized operation *Only visible when the function of buttons 1 + 2 = Disabled*	Enabled **Disabled**	Specifies whether this line can be made “selectable” with the cursor by simultaneous activation of buttons 1 and 2 for at least 3 seconds (unit switches to transmission mode).
X-position of the operator prompting text	**8**	
Function key 1, 2 *Only visible when the function of keys 1 + 2 = Enabled or Protection against unauthorized operation = Enabled*	**No function** ON OFF Toggle Operator prompted ON Operator prompted OFF Operator prompting off	Reaction to button activation if cursor is positioned in this line in display mode and transmission mode.
Text for operator prompted ON		Text which is displayed when object value = Operator prompted ON (3)
Text for operator prompted OFF		Text which is displayed when object value = Operator prompted OFF (2)
Text for not operator prompted ON		Text which is displayed when object value = Not Operator prompted ON (1)
Text for not operator prompted OFF		Text which is displayed when object value = Not Operator prompted OFF (0)

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
Switching (Object x)	Object x	EIS1 (1 bit)	C, W, Ü
Operator prompted (Object x)	Object x	EIS8 (2 bit)	C, W, Ü

Alarm page

On the alarm page, copies of the line functions are displayed to which a alarm function was assigned on pages 1...12. Alarm functions can be assigned to the line functions switching and value.

Alarm sequence

When a alarm is activated, the alarm page is shown in the display. The parameterized title of the alarm page is always displayed in the first line of the alarm page (always 4 lines). All active alarms are displayed in the sequence of their priority in lines 2 to 4. By means of buttons 3 and 4, the cursor (inversion of the current line) is positioned in the next/previous line of an active, acknowledged alarm. Buttons 1 or 2 can be used to acknowledge the alarm “under” the cursor.
When all the active alarms have been acknowledged, the system leaves the alarm page.

Parameters of alarm page

Alarm page parameters		
Description	**Values**	**Comment**
Text	Alarm page	The static text which is always displayed in line 1 of the alarm page (max. 16 characters).
X-position of the text	1...16 (**4**)	
Cycle time of the buzzer	30 sec 1 min 3 min **5 min**	Piezo on cyclically: When the acoustic alarm Piezo is on for 3 mins., then after cycle time for 3 secs
Re-presentation after	15min **30min** 1h 2h	In case of alarm re-presentation timer (which is parametrized for alarm acknowledge) will be started. Not started if it runs yet (no retriggering).

Parameters of lines if “Page function = Display” and “Line function = Switching”

Line parameters		
Description	**Values**	**Comment**
Alarm parameters *Only visible on alarm page when alarm function = Enabled*		
Priority	**1**...12	
LCD lighting	**Enabled** Disabled	When the alarm is active, the LCD background lighting is switched on/off.
LCD lighting (Blinking) *Only visible when illumination for alarm = Enabled*	Enabled **Disabled**	When the alarm is active, the LCD background lighting blinks.
Line (Blinking)	Enabled **Disabled**	Line blinks when the alarm is active.
Acoustic alarm	**Enabled** Disabled	When the alarm is active, the Piezo is switched on for acoustic signalling.
Buzzer behaviour *Only visible when acoustic alarm = Enabled*	**Cyclically** Always	If cyclical: Piezo permanently on for 3 mins when alarm present, afterwards according to cycle time for 3 secs. Cycle time with alarm page parameter.
Alarm re-presentation after acknowledgement	**Enabled** Disabled	Re-presentation time is set with alarm page parameters.
Object value for activation of the alarm	1-telegram **0-telegram**	
Acknowledgement of alarm for	**1-telegram** 0-telegram	

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
Alarm acknowledgement object *Only visible when alarm function = Enabled*	Object x	EIS1 (1 bit)	C, W, Ü

Parameters of lines if "Page function = Display" and "Line function = Value"

Line parameters		
Description	**Values**	**Comment**
Alarm parameters *Only visible on alarm page when alarm function = Enabled*		
Priority	1…12	
LCD lighting	**Enabled** Disabled	When the alarm is active, the LCD background lighting is switched on/off.
LCD lighting (Blinking) *Only visible when illumination for alarm = Enabled*	Enabled **Disabled**	When the alarm is active, the LCD background lighting blinks.
Line (Blinking)	Enabled **Disabled**	Line blinks when alarm active.
Acoustic alarm	**Enabled** Disabled	When the alarm is active, the Piezo is switched on for acoustic signalling.
Buzzer behaviour *Only visible when acoustic alarm = Enabled*	**Cyclically** Always	If cyclical: Piezo permanently on for 3 mins when alarm present, afterwards according to cycle time for 3 secs. Cycle time with alarm page parameter.
Alarm re-presentation after acknowledgement	**Enabled** Disabled	Re-presentation time is set with alarm page parameters.
Limiting value for activation of the alarm	depending on value type	
Alarm active when object value	**>=** <	
Acknowledgement of alarm at	**1-telegram** 0-telegram	

Line objects			
Function:	**Name:**	**Type:**	**Flags:**
Alarm acknowledgement object *Only visible when alarm function = Enabled*	Object x	EIS1 (1 bit)	C, W, Ü