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“AV” – ALPHANUMERIC VISUALIZER (USER PANEL WITH ALPHANUMERIC DISPLAY)

The **AV alphanumeric visualizer** is a new user panel that conveys all information concerning the crane operating status in clear and simple way to the operator. This is an ideal interface between the operator and the crane as its alphanumeric screen displays all the basic information necessary to monitor the functions of the crane. A series of buttons at the bottom of the panel permit the navigation into the menus for component functional tests and for selection and activation of the devices on-board.

Functional features



The panel includes a LED band indicator showing the percentage of load, an alphanumeric display, a series of buttons for menu navigation, the button for the activation of the acoustic signal, the button to activate the lifting moment limiting device exclusion (or alarm reset alarm), the XP device activation button and the emergency push-button.

The above photo illustrates the described features:

1. Three colour LED band indicator (green, yellow and red sectors) showing the load percentage. The green segment indicates loads from 0 to 90%, the yellow segment indicates loads from 90 to 100% and the red segment indicates loads equal to or greater than 100% (lifting moment limiting device activation).
2. Alphanumeric display showing the induced pressure into the lifting rams, percentage of the winch capacity usage, active alarms and a variety of other information.
3. Emergency push-button.
4. Button to select A or B mode for the following function buttons located on the right. When lit, the lamp at the centre of the button indicates that all function buttons will operate in A mode when pressed. If the indicator lamp is not lit, all function buttons will operate in B mode.
 - 5.A Button for the activation of the lifting moment limiting device exclusion procedure or alarm reset.
 - 6.A XP device activation button.
 - 7.A Acoustic signal activation button.
 - 8.A Modify the pressure visualization from Bar to percentage or Dpsi.
 - 9.A Activate clock and access to the timer menu.
 - 5.B + (to increase values in parameter modification or step forward into menu navigation)
 - 6.B - (to decrease values in parameter modification or step backward into menu navigation)
 - 7.B INDEX button used in programming mode or for menu selections.
 - 8.B ENTER button.
 - 9.B F2 button (currently not used).
10. Red LED flashing if a “warning” message is shown on display or LEDs 4 and 9 active. If LEDs 4 and 9 simultaneously flash, it indicates that the panel is not active (emergency push-button always remains active). To activate, press buttons 4 and 9 simultaneously.

Advantages for the operator:

- **Comprehensive information regarding the crane operating status, provided in clearly legible form on the large alphanumeric display.**
- **Visualization of the operating hours counter on display to help define maintenance schedules.**