

OPERATOR TERMINAL

Dialog 640

The screenshot shows the SERAD Dialog 640 operator terminal interface. At the top, the brand name 'SERAD' and the model 'Dialog 640' are displayed. The main screen area is divided into a blue header and a yellow content area. The blue header contains 'SERAD' and 'Dialog 640'. The yellow content area is titled 'SHAPE DEFINITION' and includes the date and time '15/06/98 18:35' and the operator's name 'operator JPL'. Below this, the 'Reference : 98725AX' is shown. A 'Parameters' section contains a table of specifications:

Length : 1500 mm	Drilling : 10
Width : 80 mm	Step : 95 mm
Thickness : 10 mm	Tooling : Yes

At the bottom of the yellow area are four menu options: LIST, EDIT, OPTIONS, and END. Below the screen is a numeric keypad with function keys F1-F12. The keypad includes a numeric keypad (0-9), function keys (F1-F12), and special keys like Help, Mod DEL, Esc, Alarm ACK, and ENTER. Arrows point from the F1-F6 keys to the menu options on the screen.

RS232

RS422

RS485



CANBUS

PROFIBUS

INTERBUS



SERAD

Display

- LCD display with CFL backlight
- Display area 122x66 mm
- Character attributes : normal, reverse, blinking
- ASCII protocol
- Resolution (pixels) in graphic mode : 240x128
- 4 simultaneous sizes of characters in text mode :

3x4 mm	16 lines x 40 characters
4x7 mm	9 lines x 30 characters
5x8 mm	8 lines x 26 characters
7x10 mm	6 lines x 17 characters

Keyboard

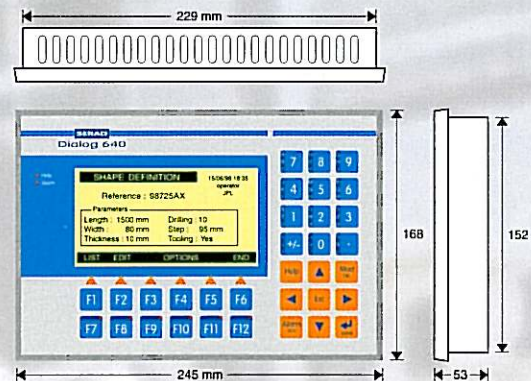
- 33 keys with tactile feedback
- 6 dynamic function keys
- 6 re-legendable function keys with integrated leds
- Control and scrolling keys
- Help key
- Alarm key
- Numeric and alphanumeric keypad
- Buzzer

Performances

- 16 bit processor
- 512 Kbyte FLASH memory
- 128 Kbyte non-volatile RAM
- RS232 serial communication port
- Optional RS422 or RS485 serial communication port
- Optional fieldbus : CANBUS, PROFIBUS, INTERBUS...

Technical features

- 24Vdc supply voltage
- 6W power requirement
- 0 to 45°C operating temperature
- -20 to 70°C storage temperature
- Front panel protection IP65



Distributor

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Subject to change without notice