... GRID PATTERN

PURPOSE
Specifies the line type of the grid on subsequent plots. See the Graphics Attributes chapter for a list of available line styles.

DESCRIPTION
The analyst can independently control the line pattern of the horizontal and vertical grid patterns by specifying the prefix in the command.

SYNTAX

\[
\text{<prefix>GRID PATTERN <type>}
\]

where \(<\text{prefix}>\) is as follows:

- no prefix refers to both grid lines;
- the prefix X refers to vertical grids;
- the prefix Y refers to horizontal grids;

and \(<\text{type}>\) is a string that specifies the desired line type.

EXAMPLES

GRID PATTERN SOLID
GRID PATTERN DASH
GRID PATTERN
XGRID PATTERN DASH3
YGRID PATTERN DOT

NOTE 1
The GRID PATTERN command with no arguments reverts the grid type to default.

NOTE 2
The combination

\[
\text{GRID ON}
\text{GRID PATTERN BLANK}
\]

would yield the same effect as

\[
\text{GRID OFF}
\]

DEFAULT
The default is dotted (but the default is for the grid lines themselves to be off.)

SYNONYMS
None

RELATED COMMANDS

GRID = Sets the on/off switch for the plot grid.
GRID COLOR = Sets the color for the plot grid.
GRID THICKNESS = Sets the line thickness for the plot grid.
GMINOR = Sets the on/off switch for the plot minor grid.
PLOT = Generates a data or function plot.
FRAME PATTERN = Sets the pattern for the plot frame.
LINE = Sets the pattern for plot lines.

APPLICATIONS
Presentation Graphics

IMPLEMENTATION DATE
Pre-1987
PROGRAM

LET LEAD = DATA ...  
   164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
LET POT = DATA ...  
   106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99

TITLE DEMONSTRATE GRID PATTERN COMMAND
TITL E SIZE 5
GRID ON
XGRID PATTERN DOTTED
YGRID PATTERN DASH
X1LABEL LEAD
Y1LABEL POTASSIUM
CHARACTER CIRCLE
CHARACTER SIZE 1.5
LINE BLANK ALL
PLOT POT VS LEAD