



G80-3700

IBM*-MF Compatible Numeric Keypad.

*IBM is the registered trademark of the International Business Machines Corporation.



Typical Applications

- Entry of numeric values
- Control systems
- Frequent entry of numeric values

Outstanding Advantages

- Lefthanded keyboard
- Low space requirements
- Four function keys, freely programmable for any chosen key combination
- Standard memory of maximum 30 bytes per key
- External MF keyboard can be connected
- Matches the design of Cherry's G80/81/83-3000 keyboards
- Single mechanical keys with MX-technology and Gold Crosspoint contacts
- Different country layouts

Technical Specifications

Electronics

Power supply:
5V DC $\pm 5\%$
Current consumption:
typ. 150mA

Interface:
Bidirectional, serial synchronous.
The keypad communicates with the system via the clock and data lines.
With system emulation for external MF keyboard.

Data outputs:
Open-collector TTL.
Data memory: All codes are buffered prior to being output.

Suitable for PC, AT and PS/2 systems.

Mechanical Data

Housing dimensions (L x W x H):
195 x 108 x 39 mm

Linear feel of keyswitch actuation

Temperature ranges:
Storage: -25°C to $+65^{\circ}\text{C}$
(-13°F to 149°F)
Operating temperature:
 0°C to $+50^{\circ}\text{C}$
($+32^{\circ}\text{F}$ to 122°F)

Cherry MX keymodules with Gold Crosspoints Contacts.

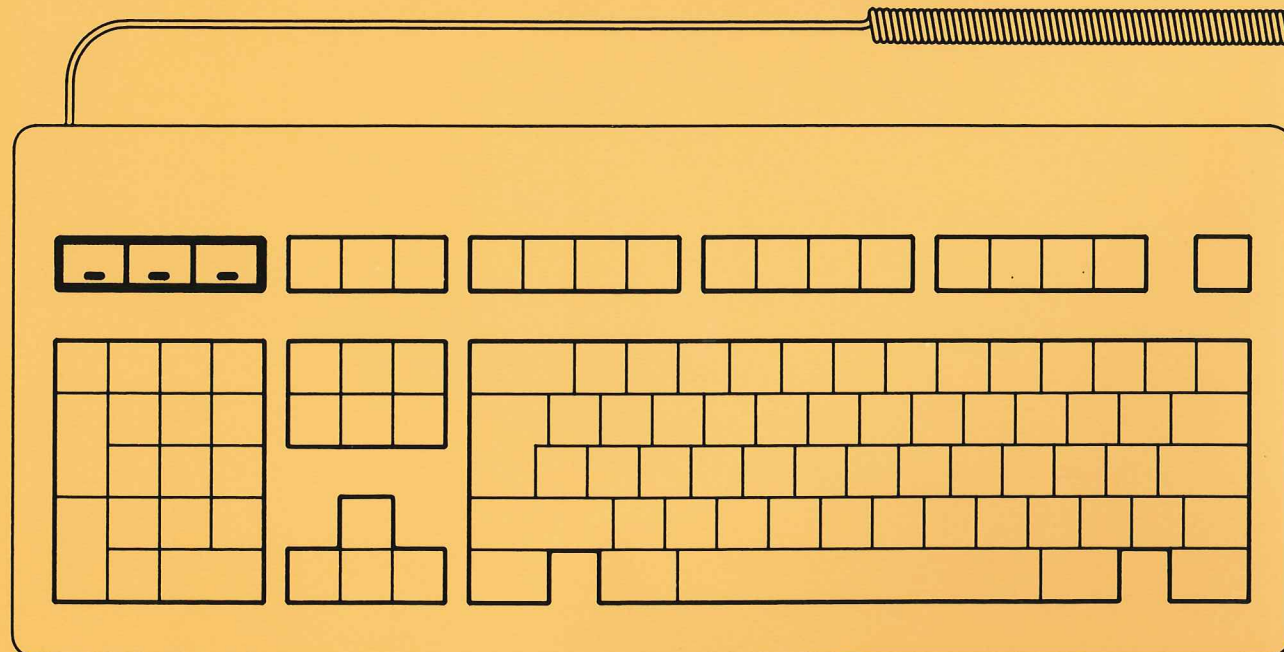
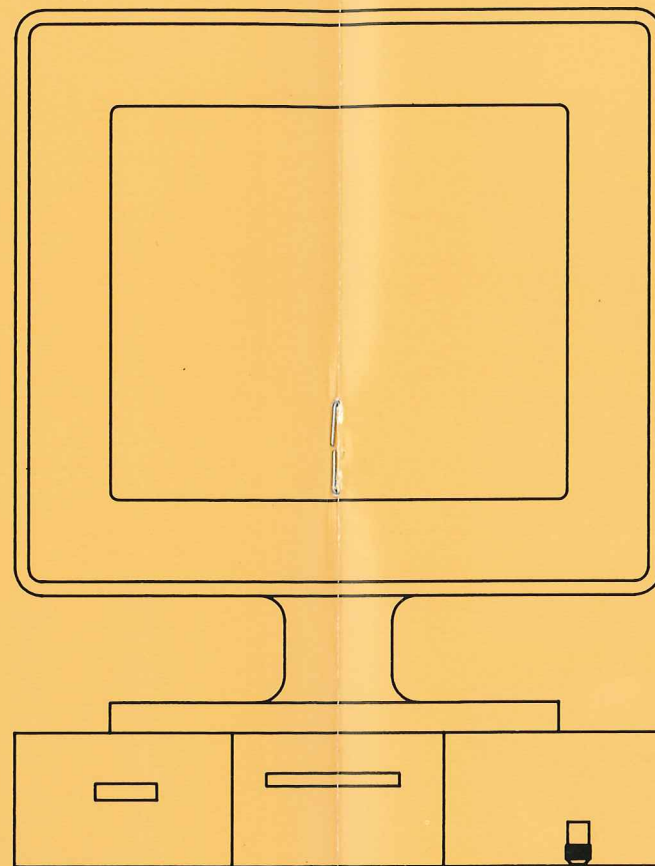
Approvals

- Safety
UL 1950
CSA C 22.2 No. 950
FCC Klasse B
DBP/BZT
VDE/GS

Post Vfg. 1046/1984
(VDE 0871, Klasse B)

CISPR 22/
EN 55022

FCC Part 15
Subpart J
Class B



- Ergonomics:
ZH1/618
- Electromagnetic compatibility (EMC):
FCC Part 15, Subpart B, Class B
VDE 0871, Klasse B
EN 55022 Klasse B

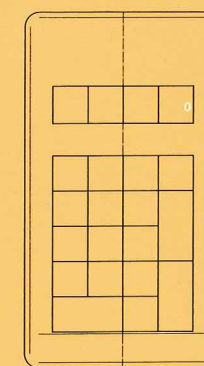
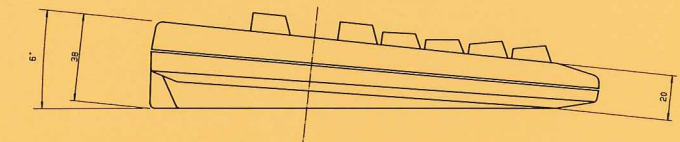
Environmental Impact

- Only fully recyclable plastics made without CFCs are used in the keyboard.
- No solvents employed.
- Environmentally compatible designs to reduce raw material inputs (resource conservation).
- Modern manufacturing techniques to cut down on energy consumption.
- Environmentally friendly packaging (100% recyclable cardboard).

Part Numbers

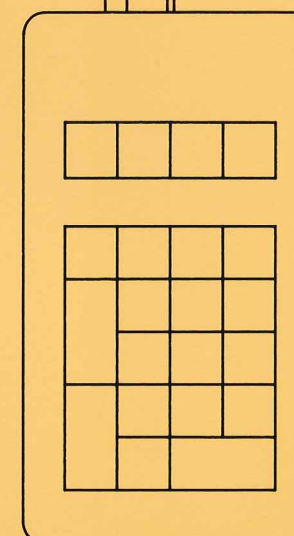
Layout Designation

Germany	G80-3700 HAD
France	G80-3700 HAF
Italy	G80-3700 HAI
Spain	G80-3700 HAE
Danmark/Norway/Poland	G80-3700 HAM
Sweden/Finland	G80-3700 HAO
Belgium/Switzerland/Great Britain	G80-3700 HAU
Portugal/UK-Cyrillic/US-Cyrillic	G80-3700 HAU



General Advice

Cherry continually optimises its products in accordance with technological developments. We therefore reserve the right to make any technical alterations. The establishment of reliability as well as the definition of technical details takes place according to Cherry's internal examinations, which comply with generally recognised regulations or norms. Requirements which deviate from these norms are to be covered through the determined operating conditions by the user. If necessary, we are also available to help.



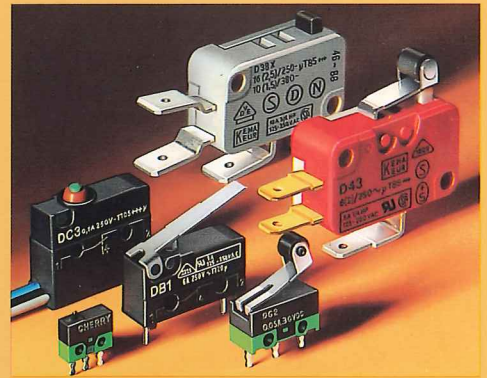
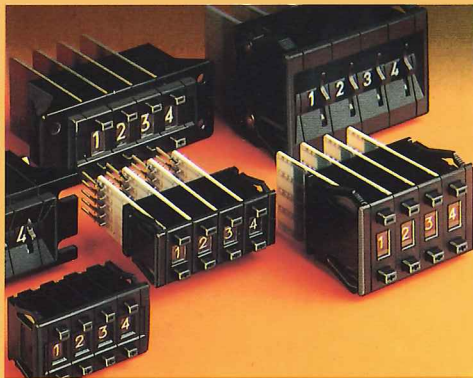
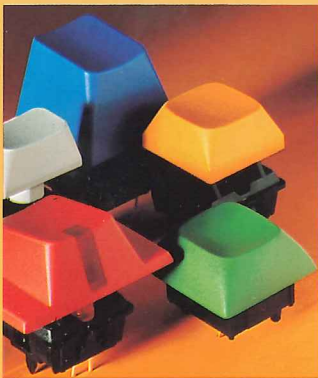
Electrotechnical and Electronic Products for the Future.

Keyboards of high technology and excellent quality.

With high switching reliability even during speed typing. Standard or customized, intelligent or non-encoded versions. Connectable to all popular EDP systems. Modern design. Harmonious colours. Variety of sizes and heights. Ergonomic styling. With or without housing.

Keymodules. For high technology keyboards.

M 8, M 9, MX. Keyswitches with exceptional performance. High switching reliability through »Gold Crosspoint« contacts. Low profile design. Excellent touch feeling. Variety of keycap styles and colours. Ideal for ergonomically designed keyboards.



Selector switches with proven reliability and long life.

Available in many standard and customized codes. Thumbwheel, leverwheel or pushwheel versions. Gang assemblies. Solderpins, connectors or plain soldering. Standard, miniature and subminiature sizes. Also illuminated through LEDs or lamps. Customized lettering and stop limitation available.

Snap switches for the future.

For precise switching and high reliability. Large range of standard and non-standard models. Many different connecting possibilities. Standard, miniature and subminiature sizes. And a large number of auxiliary actuators.

New generation displays.

For text and graphic applications. With continuous brightness of all letters. Stable display picture. Long life. Slim profile. Light weight. Low power consumption.



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