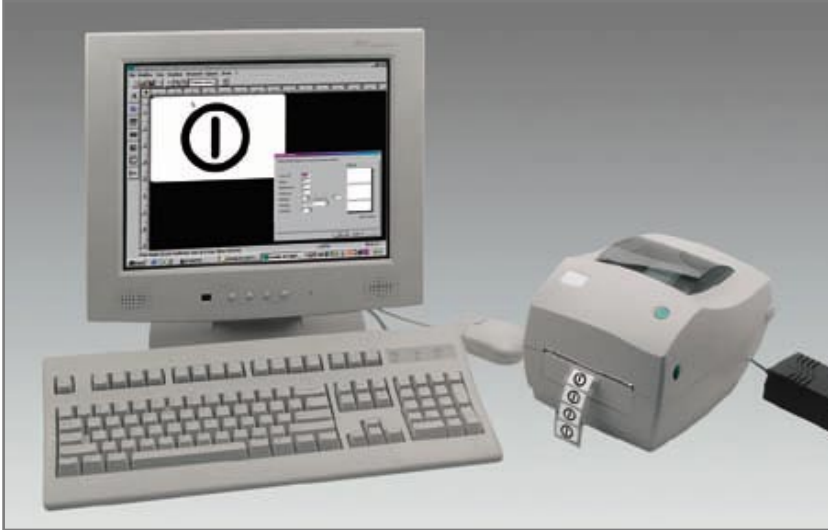




SYSTEM STRUCTURE



This innovative printing system enables efficient and completely independent management of all problems related to the creation of special indicative labels for electrical equipment.

It offers an alternative to costly and inflexible mechanical engraving systems and inadequate plotter systems, which are affected by problems involving the drying up of pen tips and the evaporation of ink on supports exposed to light.

The system is made up of a sturdy, economic heat transfer printer which, despite its small size, has a high performance printing head and a transfer speed of up to 10 cm a second. The particular design makes use of the equipment extremely easy; all the operations required for the insertion of the transfer tape and the label support are very simple.

The system uses special rolls of labels made from a special aluminium material with high-performance adhesive.

The heat transfer technique is used universally for all marking requirements where the importance of the indication and the permanence of the message must be guaranteed (product labels for computers, mobile phones, telephone equipment, electrical instruments, etc.).

This printing system uses heat-controlled needles which "melt" the transfer pigment onto the support, enabling immediate use and guaranteeing its duration. It is also possible to provide extra protection by using adhesive photographic film, creating a sandwich effect. At this point the label can be subject to any kind of stress, be it mechanical, chemical or atmospheric.

The printer has a serial port, a parallel port and a USB to satisfy every installation need.

EXAMPLES OF LABEL APPLICATION



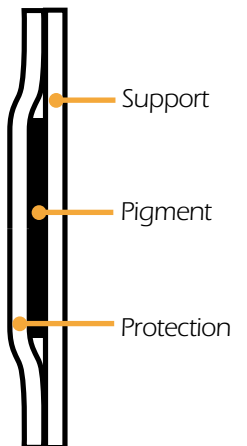
Application of the label



Application of the protection



Application to panel





TECHNICAL CHARACTERISTICS

STANDARD FEATURES

Print method: direct thermal / thermal transfer
Construction: ABS double walled casing
OpenACCESS design
Head up sensor
Windows® drivers (95, 98, Me, NT v.4.0, 2000) - Windows printer utilities

ELECTRICAL CHARACTERISTICS

Autoranging external power supply
Input: 100-240VAC; 50-60Hz - Output: 20VDC; 2.5A

OPERATING ENVIRONMENT

Operating temperature 5°C±40°C - Umidity 10-90% non condensing

CONNECTIVITY

Serial RS232 (DB9) 1,2-38,4K bits/second - Flow control hardware and software
USB
Parallel (centronics)

MEMORY

Standard: 512KB Flash;

GRAPHICS SPECIFICATIONS

Line and box drawing - PCX graphic storage

RESOLUTION

203 dpi (8 dots/mm)

FONT AND CHARACTER SETS

Standard fonts: 5 bitmapped expandible 8 x
International characters sets supporting the following code pages:
DOS 437/737/850/851/855/857/860/861/862/863/865/866/869
WINDOWS 1250/1251/1252/1253/1254/1255/1265/1257

PROGRAMMING

ASCII EPL2 programming language (Page mode)

PRINTING ACCESSORIES

3M® high resistance alluminium labels roll (-30° +90°)
Pre socket-punching adhesive PVC protection sheets

LABELS

Max roll size: 127 mm O.D. on a 25mm or 38 mm I.D. core
Thickness (label and liner): 0,08mm to 0,18mm

RIBBON

Max roll size: 33mm O.D. on a 12,7mm I.D. core
Standard lengths: 74 m capacity provides 1:1 media roll ribbon ratios
Ribbon set up: ribbon wound ink side out; ribbon is recommended to be at least as wide as media

SOFTWARE

Bar-one lite version freeware

APPROVALS

UL-CUL 1950; FCC (Class B); VCCI (Class b); C_TICK; EN 50082-1; EN 55022 (Class B)/CISPR 24; EN 55024/
CISPR 24; EN 60950/IEC 950; EN 61000-3-2, 3-3

OVERALL DIMENSIONS

