

UniOP MKDG-06

Low cost HMI unit with monochrome graphic LCD display.



- Graphic monochrome display
- 8 rows, 40 columns of text
- Downloadable fonts
- Scalable text
- 23 function keys
- 24 user LEDs
- ASCII keyboard
- Multilanguage project capability
- Connection to bus systems
- New plastic bezel with flat design

Technical Data

| | |
|--------------------------------|--------------------------------------|
| Display | Monochrome LCD |
| Backlight | LED |
| Graphics | 240x64 pixels |
| Display dimensions | 127x34 mm |
| Rows/columns | 8x40 |
| Character height | - |
| Scalable fonts | Yes |
| User definable characters | 256 |
| Contrast regulation | Software |
| User memory | 512 KB (64 reserved to the protocol) |
| User memory expansion | 512 KB |
| Function keys | 23 |
| System keys | 24 |
| Touch screen | No |
| User LEDs | 24 |
| System LEDs | 5 |
| PC/Printer port | Yes |
| PLC port | RS-232, RS-422, RS-485, CL 20 mA |
| Aux port (fieldbus connection) | Yes, with optional module |
| External keyboard port | No |
| Programming speed | 9600 ÷ 38400 bps |

| | |
|--------------------------------|----------------------------|
| Page size | 32 rows |
| Number of variables per page | Unlimited |
| Recipe memory | 16 KB |
| UniNet network | Client/Server |
| Alarms | 1024 |
| Event list | 256 |
| Alarm info page | Yes |
| Password | Yes |
| Battery | Yes |
| Hardware RTC | Yes |
| Screen saver | No |
| Buzzer | No |
| Fuse | 2 A (user replaceable) |
| Power supply voltage | 18 ÷ 30 VDC |
| Max power consumption at 24VDC | ~ 400 mA |
| Max panel thickness | 5 mm |
| Weight | |
| Operating temperature | 0 ÷ 50 °C |
| Storage temperature | -20 ÷ 70 °C |
| Operating and storage humidity | 5 ÷ 95 % UR non-condensing |
| Protection class | IP-65 (front panel) |

Front dimensions and cutout

| | | |
|---|--------------|---------------|
| Front dimensions LxH | 220 x 176 mm | 8.66 x 6.93 " |
| Cutout AxB | 207 x 163 mm | 8.15 x 6.42 " |
| Cutout depth – version –0045 | 76 mm | 2.99 " |
| Cutout depth – version –0050 (Snap-top) | 79.7 mm | 3.14 " |

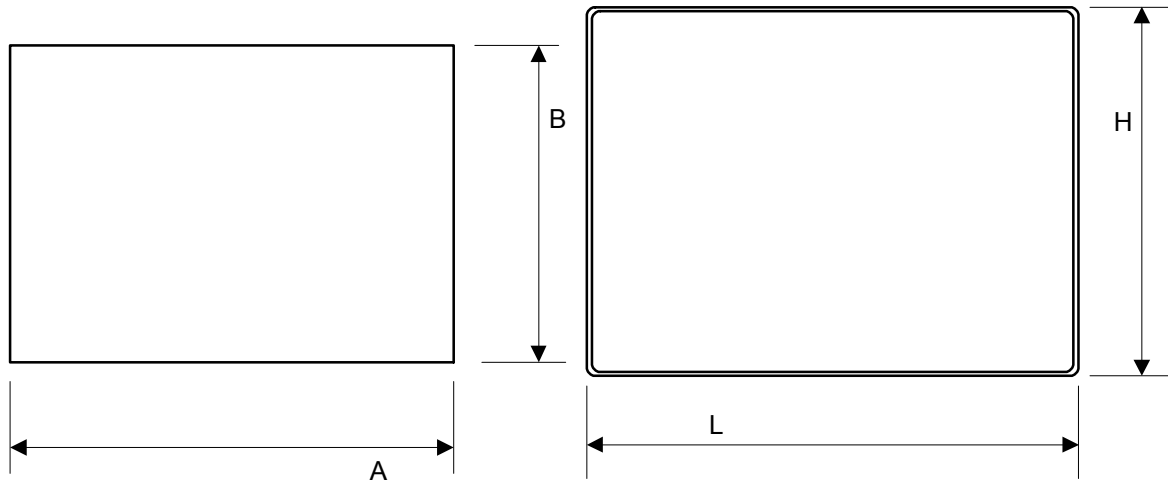


Figure 1 – Cutout and front view

Ordering Information

MKDG-06-0045

Graphic LCD display, 260x64 pixel, 8lines 40 characters, 23 function keys, alphanumeric keypad. PLC, PC/Printer and Aux Ports

Tn105

Ver. 1.3

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