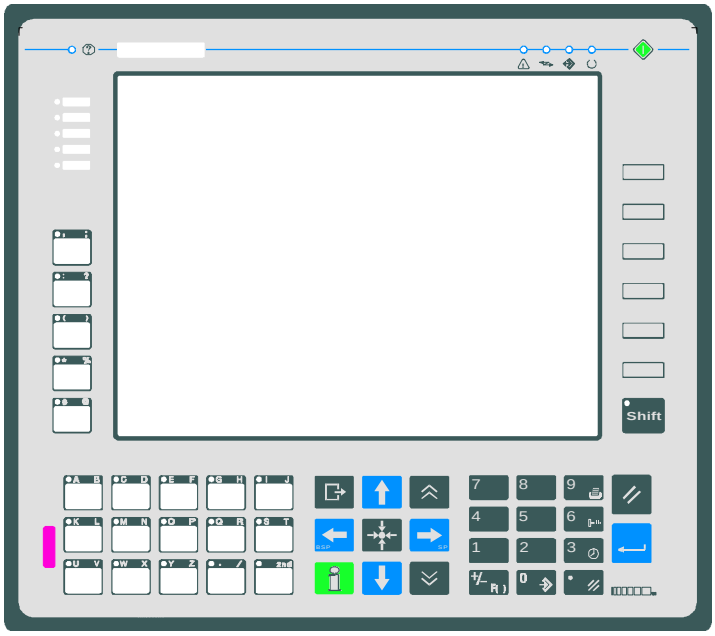
UniOP MKDC-VGA, MKDT-VGA

HMI with graphic VGA display and alphanumeric keyboard. Available also with high-quality TFT display.

Highlights

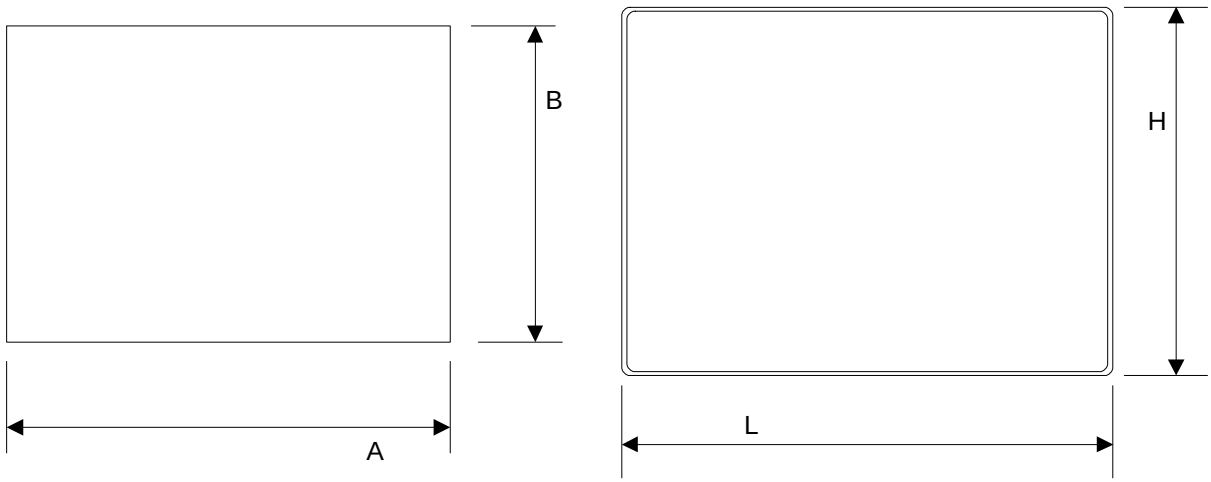
- **VGA graphic resolution**
- **TFT model available**
- **30 rows, 80 columns of text**
- **Scalable fonts set**
- **26 function keys with slide-in legends**
- **26 user LEDs**
- **Alphanumeric keyboard**
- **Multilanguage project capability**
- **Connection to bus systems**



Technical data

	MKDC-VGA	MKDT-VGA
Display	LCD 16 colours, STN	LCD 256 colours, TFT
Backlight	CCFL	
Graphics	640x480 pixels	
Display dimensions	212x159 / 10.4” diagonal	
Rows/columns	30x80	
Character height	-	
Scalable fonts	Yes	
User definable characters	256	
Contrast regulation	Software	
User memory	2 MB (SSFDC card) with 64 KB reserved to the protocol	
User memory expansion	Up to 4 MB total user memory	
Function keys	26	
System keys	24	
Touch screen	No	
User LEDs	26	

	MKDC-VGA	MKDT-VGA
System LEDs	5	
PC/Printer port	Yes	
PLC port	RS-232, RS-422, RS-485, CL 20mA	
Aux port (fieldbus connection)	Yes, with optional modules	
External keyboard port	Yes	
Programming speed	9600 ÷ 38400bps	
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	Yes	
Buzzer	No	
Fuse	2 A (user replaceable)	
Power supply voltage	24VDC	
Max power consumption at 24VDC	~ 700 mA	
Max panel thickness	5 mm	
Weight	~ 3.5 Kg	
Operating temperature	0 ÷ +50 °C	
Storage temperature	-20 ÷ +70 °C	
Operating and storage humidity	5 ÷ 95 % UR non-condensing	
Protection class	IP65 (front panel)	

Front dimensions and cutout

Front dimensions LxH	311x276 mm	12.24x10.87 ”
Cutout AxB	292x257 mm	11.50x10.12 ”