

Touch Panel for
system uLAB

Touch Panel



Function

- Pre-programmed panel for control and display of the various laboratory applications within safety ventilation system uLAB.
- The touch panel interface depends on the installed safety application, e.g.:
 - Room pressure panel
 - Energy panel
 - Extract point suction panel
 - Air velocity panel (for fume hood cabinets)
 - Chemistry cabinet panel

Variants

- Type A, for straight wall mounting.
- Type B, for angled wall mounting.

Installation

- Mounted in a cabinet or on a wall.
- Connections:
 - Screw clamps.
 - RS-485.

Key features

- For safety ventilation system uLAB
- 3,5" color display/control panel
- Uses Modbus RTU as internal communication protocol
- Applications are controlled based on selected software
- Backward compatible with system URANOS

Technical data

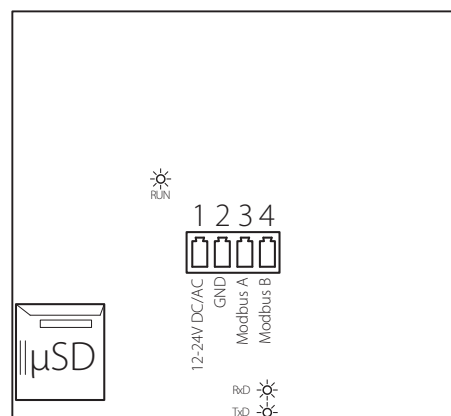


Image 1. Screw terminal, uLAB Touch Panel.

T1: Technical data – uLAB Touch Panel

Electrical data		
Supply voltage		12-24 V AC/DC
Operating data		
Ambient Temperature during normal operation		0 til + 50 ° C
Ambient humidity,	Max 95 %RH, non-condensing	
Safety standards		
Protection class		IP20
Cabinet		IEC 60670-1
CE erklæring (EMC directive)		2004/108/EC
Communication		
Protocol		Modbus RTU
Addressing		211-214
Baudrate		19200
Data bits		8
Parity check		Even
Stop bits		1
Physical interface		RS-485
Dimensions and weight		
Dimensions (Width x Height x Depth, mm)	Type A	85 x 85 x 19
	Type B	85 x 85 x 19...35
Weight (g)	Type A	110g
	Type B	135g

Order specification

Ordering code:	uMTP	-X	-XXX
Product designation:	uMTP		
Panel type (mounting type)	Straight mounting	A	
	Angled mounting	B	X
Software function			
	Room pressure regulation panel	RPR	
	Energy panel	NRG	
	Extract point suction panel	PXT	
	Air velocity panel (fume hood cabinet)	VEL	
	Chemistry cabinet panel	CHC	XXX

Example: uMTP-A-RPR

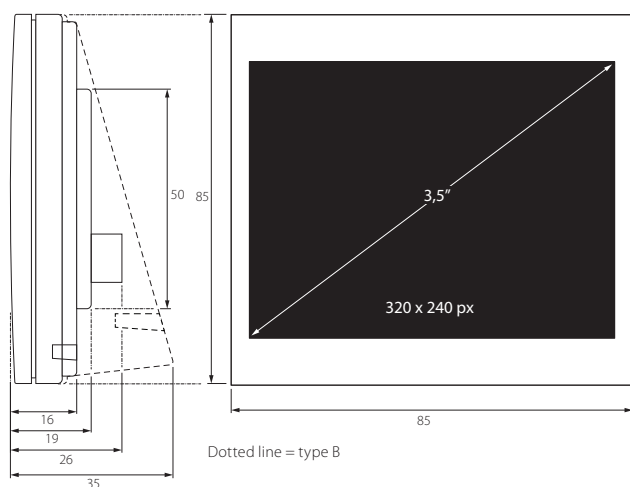


Image 2. Dimensions, type A and B (mm).