

Remote displays

Remote color touch screen displays

Six remote color touch screen displays are dedicated to the M172 Optimized and M172 Performance logic controllers, distinguished by use and type of mounting. These displays can be also used with M171 controllers with Modbus SL or with third-party products equipped via Modbus SL.

They are all programmable with EcoStruxure Machine Expert - HVAC. The remote color touch screen displays have the same firmware, meaning they can be swapped interchangeably.

- TM172DCLWT●● are designed for wall mounting and indoor use, depending on the reference, for controlling temperature, relative humidity and PIR presence with built-in sensor.
- TM172DCLF● are designed for flush mounting, and wall mounting with an accessory, and either indoor or outdoor uses, with a white or dark gray housing. An installation on a wall with TM172ABKP●● accessories, useful for a plant room.
- TM172DCLWT● and TM172DCLF● displays can be mounted vertically (portrait) or horizontally (landscape) (1). They can be configured for Modbus SL as client or server, by means of the software.
 - On Modbus SL Server, up to 8 displays can be installed in the same network.
 - On Modbus SL Client, up to 8 devices can be managed via the display.

Remote monochrome display

- TM172DGRP monochrome display is dedicated to the M172 Optimized and M172 Performance logic controllers. It is designed for flush mounting, and wall mounting with an accessory, and indoor use. It is programmable with EcoStruxure Machine Expert - HVAC.



TM172DCLWT●●



TM172DCLFW



TM172DCLFG



TM172DGRP

TM172DCLWT●●

- 1 3.5" color touch screen LCD (320 x 240 pixels)
- 2 Holes for presence (motion) detection
- 3 Input connector (USB Micro-B port)
- 4 Power Supply (24 V $\approx$)
- 5 RS485 Modbus serial line
- 6 Holes for temperature and humidity measurement

TM172DCLFW, TM172DCLFG

- 1 3.5" color touch screen LCD (320 x 240 pixels)
- 2 Input connector (USB Micro-B port)
- 3 Power Supply (24 V $\approx$)
- 5 RS485 Modbus serial line

TM172DGRP

- 1 Backlight monochrome LCD screen (240 x 140 pixels)
- 2 5 control keys
- 3 CAN bus connector

(1) With landscape mounting, temperature and humidity sensors cannot be used as they are not accurate.

Modicon M171/M172 logic controllers for HVAC solutions

Remote displays for M172 logic controllers



TM172DCLWT●●



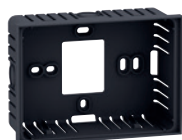
TM172DCLFW



TM172DCLFG



TM172DGRP



TM172ABKPG



TM171ABKPG

Remote displays					
Type	Description	Housing	Built-in sensor for	Reference	Weight kg/lb
Remote color touch screen wall mounting displays	- Power supply: 24 V $\sim$ - Color touchscreen - Size: 3.5" - Resolution: 320 x 240 pixels - IP20 - Communication port: 1 RS485, Modbus SL with terminal blocks	White	Temperature	TM172DCLWT	0.340/ 0.749
			- Temperature - Relative humidity	TM172DCLWTH	0.340/ 0.749
			- Temperature - Relative humidity - Presence PIR	TM172DCLWTHP	0.340/ 0.749
Remote color touch screen flush mounting displays	- Power supply: 24 V $\sim$ - Color touchscreen - Size: 3.5" - Resolution: 320 x 240 pixels - IP65 (front face) - Communication port: 1 RS485, Modbus SL with terminal blocks	White	–	TM172DCLFW	0.205/ 0.452
		Grey	–	TM172DCLFG	0.205/ 0.452
Remote display monochrome	5 control keys - Backlit LCD, 240 x 140 pixels, - Monochrome, - With real time clock	Grey		TM172DGRP	0.197/ 0.430
Accessories to be ordered separately					
Type	Use			Reference	Weight kg/lb
Mounting accessories (1)	White wall support for TM172DCLFW display			TM172ABKPW	0.060/ 0.132
	Grey wall support for TM172DCLFG display			TM172ABKPG	0.060/ 0.132
	Wall bracket For TM172DGRP display			TM171ABKPG	0.015/ 0.030

(1) With the use of TM172ABKP●● accessories, the degree of protection for the TM172DCLF● displays is IP20.