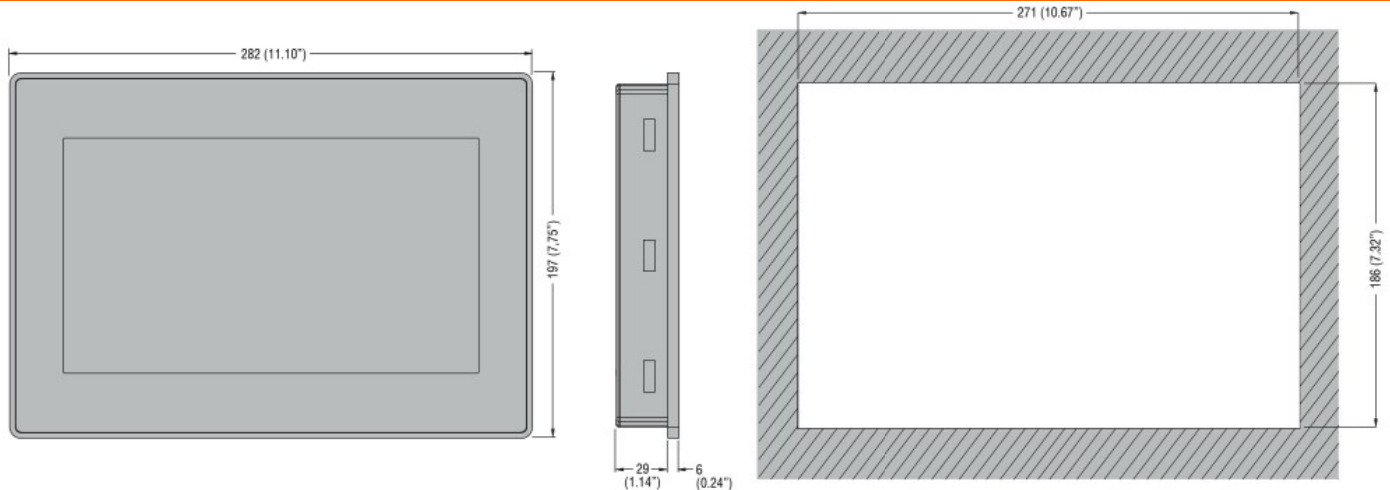




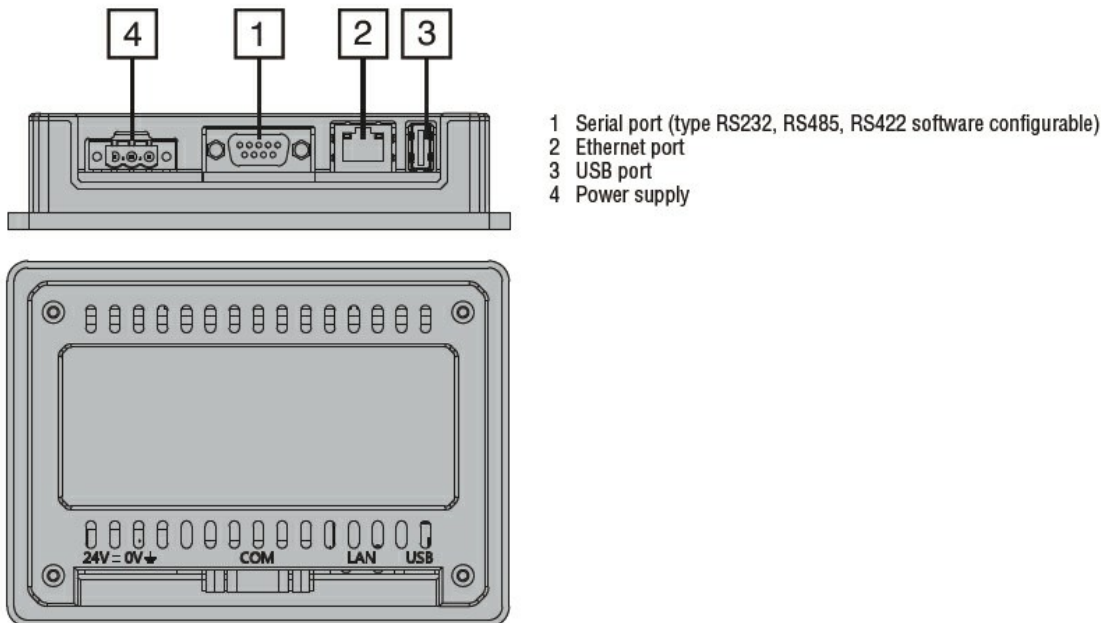
|                             |                     |                       |    |                                                                      |
|-----------------------------|---------------------|-----------------------|----|----------------------------------------------------------------------|
| Product designation         |                     |                       |    | HMI                                                                  |
| Product type designation    |                     |                       |    | LRHA10                                                               |
| Auxiliary supply voltage    |                     |                       |    | 24VDC                                                                |
| Power supply                |                     |                       |    |                                                                      |
| Rated auxil. supply voltage |                     |                       |    | 12-24VDC                                                             |
| Operating voltage range     |                     |                       |    | 18...32VDC                                                           |
| Avarage current consumption |                     |                       | mA | 380                                                                  |
| System resources            |                     |                       |    |                                                                      |
| Display                     |                     |                       |    | 10.1" graphic TFT display, touch screen, 64k colors                  |
| Colors                      |                     |                       |    | 64K                                                                  |
| Resolution                  |                     |                       |    | 1024x600                                                             |
| Brightness                  |                     |                       |    | 200Cd/m2                                                             |
| Dimming                     |                     |                       |    | Yes                                                                  |
| Touchscreen                 |                     |                       |    | Resistive                                                            |
| CPU                         |                     |                       |    | ARM Cortex A8 1GHz                                                   |
| Operative system            |                     |                       |    | Linux 3.12                                                           |
| Flash                       |                     |                       |    | 4GB                                                                  |
| RAM                         |                     |                       |    | 512MB                                                                |
| Application memory          |                     |                       |    | 60MB                                                                 |
| Real Time Clock             |                     |                       |    | Yes                                                                  |
| Communications              |                     |                       |    |                                                                      |
| Type of communication port  |                     |                       |    | Ethernet, USB and serial (RS232, RS485, RS422 software configurable) |
| Connections                 |                     |                       |    |                                                                      |
| Terminals type              |                     |                       |    | Screw, extractable                                                   |
| Ambient conditions          |                     |                       |    |                                                                      |
| Temperature                 |                     | Operating temperature |    |                                                                      |
|                             |                     | max                   | °C | +50                                                                  |
|                             | Storage temperature |                       |    |                                                                      |
|                             |                     | min                   | °C | -20                                                                  |
|                             |                     | max                   | °C | +70                                                                  |
| Relative humidity           |                     |                       | %  | 5...85% without condensation                                         |
| Maximum Pollution degree    |                     |                       |    | 2                                                                    |
| Housing                     |                     |                       |    |                                                                      |
| Mounting                    |                     |                       |    | Flush mount                                                          |

|                        |    |                                       |
|------------------------|----|---------------------------------------|
| Degree of protection   |    | IP66, type 2, 4X (front); IP20 (rear) |
| Dimensions (W x H x D) | mm | 282 x 197 x 35                        |
| Weight                 | g  | 1000                                  |

### Dimensions



### Wiring diagrams



### Certifications and compliance

#### Compliance

emissions EN 61000-6-3  
EN 61000-6-4  
immunity EN 61000-6  
immunity EN 61000-6-2 for installation in industrial environments

#### Certificates

cULus  
RCM

### ETIM classification

ETIM 8.0

EC001412 -  
Graphic panel