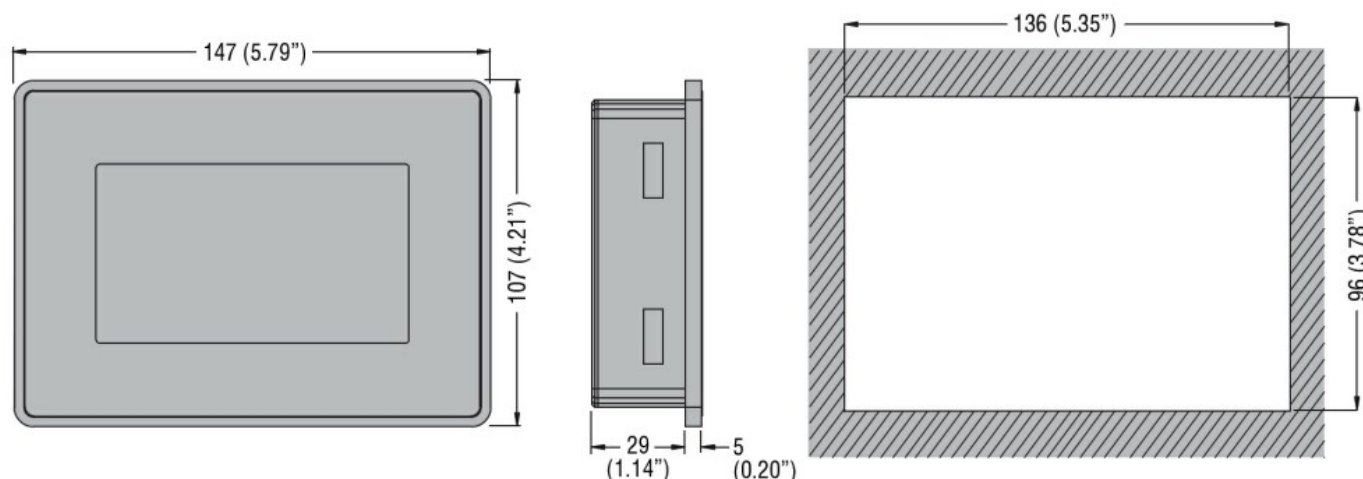




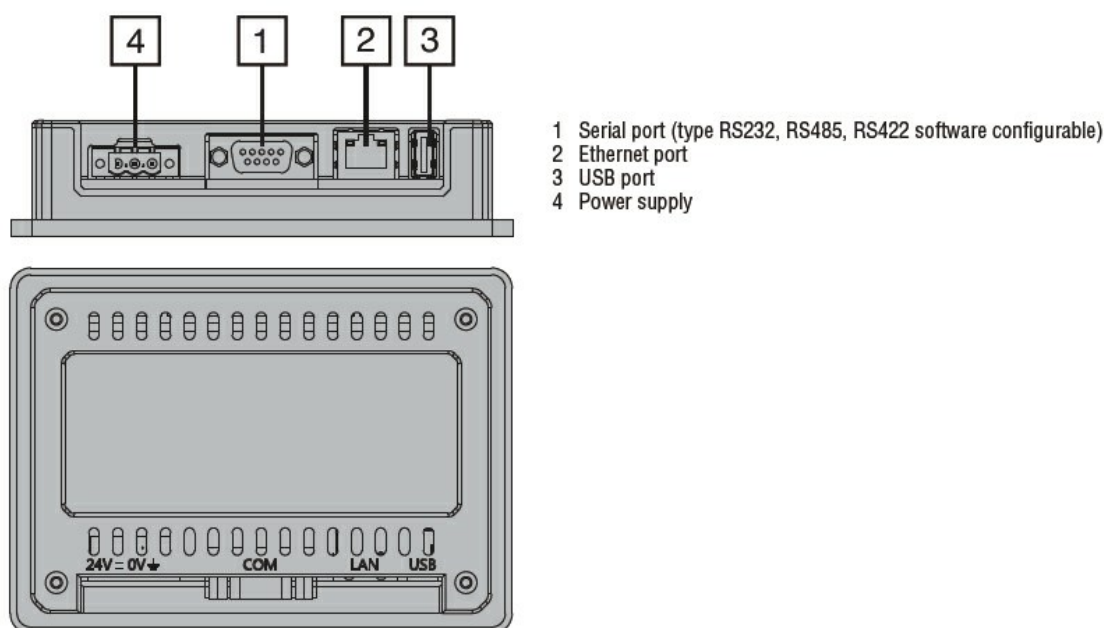
|                             |                                                                      |
|-----------------------------|----------------------------------------------------------------------|
| Product designation         | HMI                                                                  |
| Product type designation    | LRHA04                                                               |
| Auxiliary supply voltage    | 24VDC                                                                |
| <b>Power supply</b>         |                                                                      |
| Rated auxil. supply voltage | 12-24VDC                                                             |
| Operating voltage range     | 18...32VDC                                                           |
| Average current consumption | mA 250                                                               |
| <b>System resources</b>     |                                                                      |
| Display                     | 4.3" graphic TFT display, touch screen, 64k colors                   |
| Colors                      | 64K                                                                  |
| Resolution                  | 480x272                                                              |
| Brightness                  | 200Cd/m2                                                             |
| Dimming                     | Yes                                                                  |
| Touchscreen                 | Resistive                                                            |
| CPU                         | ARM Cortex A8 300MHz                                                 |
| Operative system            | Linux 3.12                                                           |
| Flash                       | 2GB                                                                  |
| RAM                         | 256MB                                                                |
| Application memory          | 60MB                                                                 |
| Real Time Clock             | Yes                                                                  |
| <b>Communications</b>       |                                                                      |
| Type of communication port  | Ethernet, USB and serial (RS232, RS485, RS422 software configurable) |
| <b>Connections</b>          |                                                                      |
| Terminals type              | Screw, extractable                                                   |
| <b>Ambient conditions</b>   |                                                                      |
| Temperature                 |                                                                      |
| Operating temperature       | max °C +50                                                           |
| Storage temperature         | min °C -20                                                           |
|                             | max °C +70                                                           |
| Relative humidity           | % 5...85% without condensation                                       |
| Maximum Pollution degree    | 2                                                                    |
| <b>Housing</b>              |                                                                      |
| Mounting                    | Flush mount                                                          |

|                        |    |                                       |
|------------------------|----|---------------------------------------|
| Degree of protection   |    | IP66, type 2, 4X (front); IP20 (rear) |
| Dimensions (W x H x D) | mm | 147 x 107 x 34                        |
| Weight                 | g  | 400                                   |

## 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