LRHA04

HMI DISPLAY 4.3” TFT LCD 64K COLORS TOUCH-SCREEN, SUPPLY 12-24VDC, PORTS ETHERNET, RS232/RS485/RS422, USB. PROTOCOLS MODBUS RTU, MODBUS TCP, SIMATIC S7 ETHERNET, OPC UA AND MQTT



Product designation			HMI
Product type designation			LRHA04
Auxiliary supply voltage			24VDC
Power supply			
Rated auxil. supply voltage			24VDC
Operating voltage range			18…32VDC
Avarage current consumption		mA	250
System resources			
Display			4.3" TFT 16:9
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
Communications			
Type of communication port			1 Ethernet (10/100Mbit), 1 USB (Host v2.0, max 500mA) and 1 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

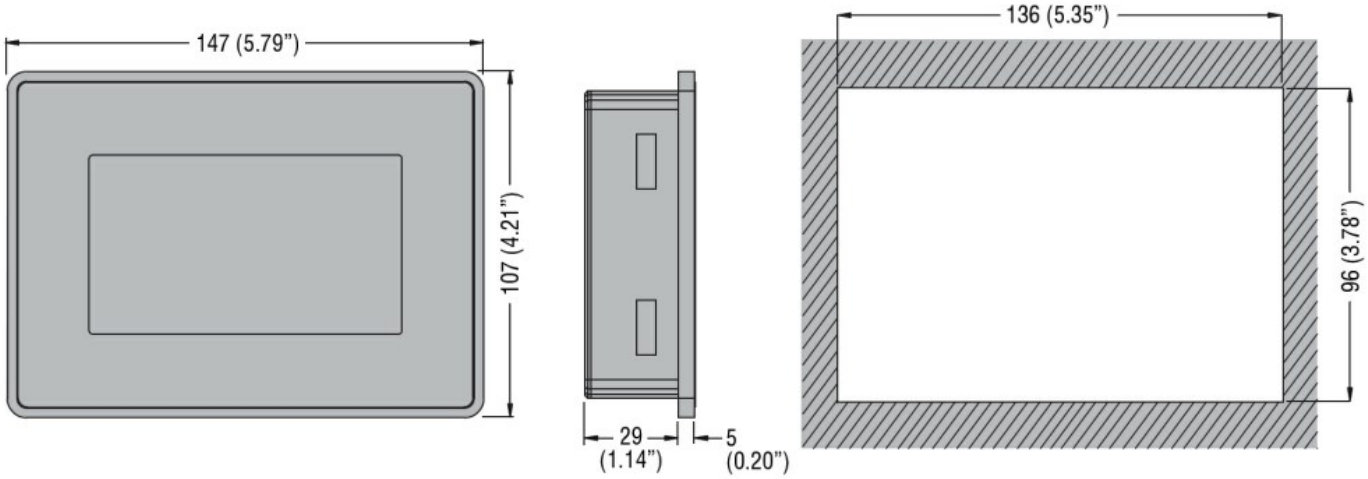
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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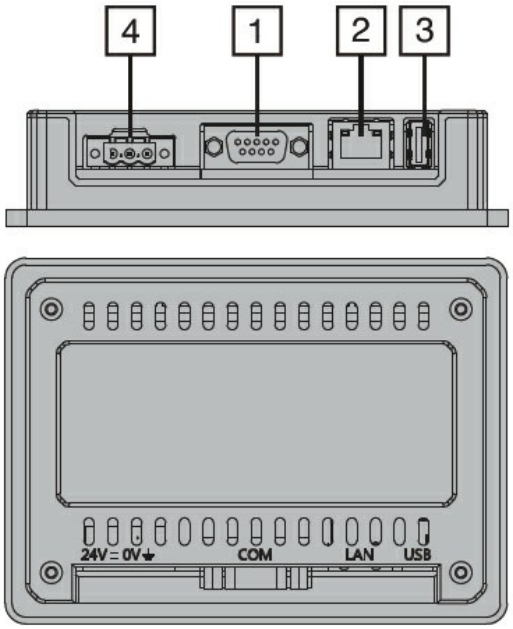
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Degree of protection		IP66, type 2, 4X (front); IP20 (rear)
Dimensions (W x H x D)	mm	147 x 107 x 34
Weight	g	400

Dimensions



Wiring diagrams



1 Serial port (type RS232, RS485, RS422 software configurable)
2 Ethernet port
3 USB port
4 Power supply

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

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