LRHA07

HMI DISPLAY 7” 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

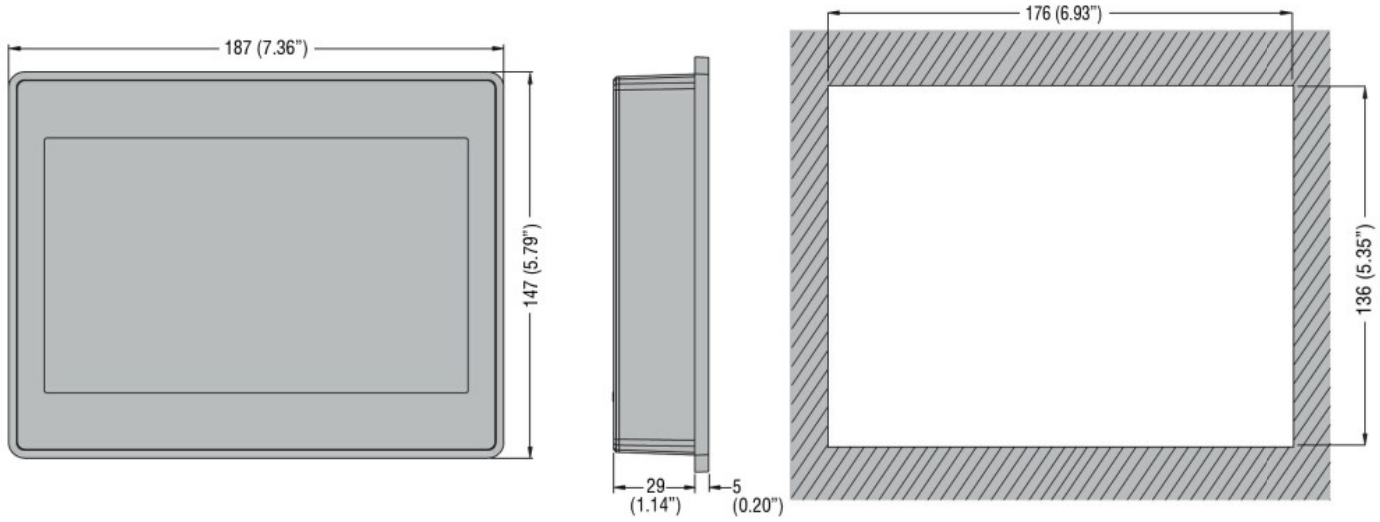


Product designation			HMI
Product type designation			LRHA07
Auxiliary supply voltage			24VDC
Power supply			
Rated auxil. supply voltage			24VDC
Operating voltage range			18…32VDC
Avarage current consumption		mA	300
System resources			
Display			7" TFT 16:9
Colors			64K
Resolution			800x480
Brightness			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			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

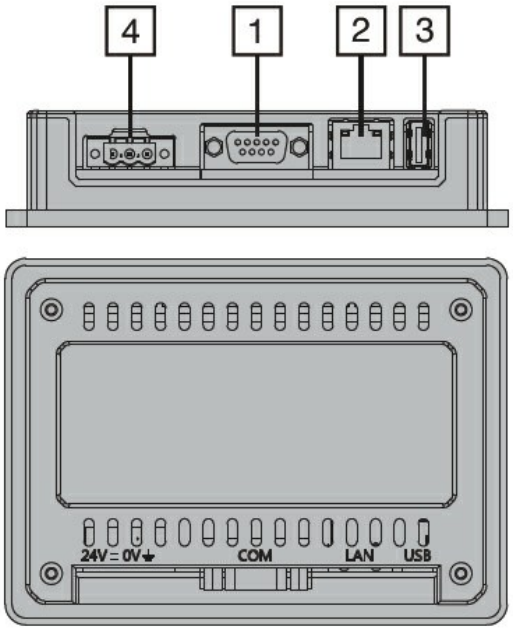
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Degree of protection		IP66, type 2, 4X (front); IP20 (rear)
Dimensions (W x H x D)	mm	187 x 147 x 34
Weight	g	600

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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