

ENERGY AND AUTOMATION

HMI DISPLAY 4.3" TFT LCD 64K COLORS TOUCH-SCREEN, SUPPLY 12-24VDC, PORTS electric 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 vol	tage				12-24VDC
Operating voltage rang	je				1832VDC
Avarage current consumption				mΑ	250
System resources					
					4.3" graphic TFT
Display					display, touch
, ,					screen, 64k
Calara					colors
Colors Resolution					64K 480x272
					200Cd/m2
Brightness Dimming					Yes
Touchscreen					Resistive
rouchscreen					ARM Cortex A8
CPU					300MHz
Operative system					Linux 3.12
Flash					2GB
RAM			-		256MB
Application memory			-		60MB
Real Time Clock					Yes
Communications					. 00
					Ethernet, USB
					and serial
Type of communication port				(RS232, RS485,	
					RS422 software
					configurable)
Connections					
Terminals type					Screw, extractable
Ambient conditions					extractable
Temperature					
remperature	Operating temperature				
	Operating temperature	m	ax	°C	+50
	Storage temperature	111	<u>ux</u>		130
	Otorage temperature	m	nin	°C	-20
			ax	°C	+70
					585% without
Relative humidity %			%	condensation	
Maximum Pollution degree				2	
Housing					
Mounting					Flush mount
-					

LRHA04

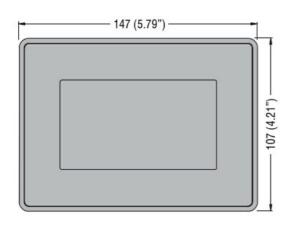


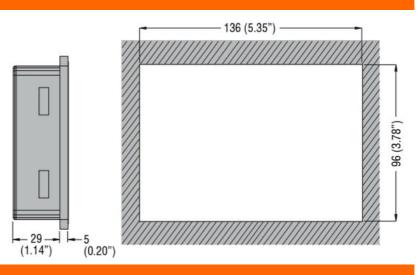
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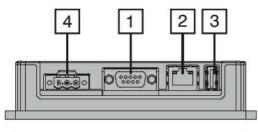
Degree of protection		IP66, type 2, 4X (front); IP20 (rear)
Dimensions (W x H x D)	mm	147 x 107 x 34
Weight	g	400

Dimensions

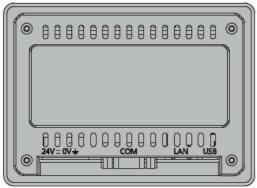




Wiring diagrams



- Serial port (type RS232, RS485, RS422 software configurable)
- 2 Ethernet port
- **USB** port
- 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

ETIM classification

ETIM 8.0

EC001412 -Graphic panel