## LRHA10



HMI DISPLAY 10.1" TFT LCD 64K COLORS TOUCH-SCREEN, SUPPLY 12-24VDC, PORTS ELECTRIC ETHERNET, RS232/RS485/RS422, USB. PROTOCOLS MODBUS RTU, MODBUS TCP, SIMATIC AND AUTOMATION S7 ETHERNET, OPC UA AND MQTT



Product designation				HMI
Product type designat	ion			LRHA10
Auxiliary supply voltag	e			24VDC
Power supply				
Rated auxil. supply vo	Itage			24VDC
Operating voltage rang	ge			1832VDC
Avarage current consu	Imption		mΑ	380
System resources				
Display				10.1" TFT 16:9
Colors				64K
Resolution				1024x600
Brightness				200Cd/m2
Dimming				Yes
Touchscreen				Resistive
CPU				ARM Cortex A8
CPU				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			%	585% without condensation
Maximum Pollution degree				2
Housing				
Mounting				Flush mount

LRHA10



ENERGY AND AUTOMATION

LRHA10 HMI DISPLAY 10.1" 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

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
	-166 (7.32")
Wiring diagrams	
4 1 2 3 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	
RCM ETIM classification	
ETIM 8.0	EC001412 - Graphic panel