



Remote alarm panel with LED and buzzer, for up to 2 fire pump controllers
FFLRA200

Product designation

Product type designation

Auxiliary supply

Rated auxil. supply voltage	100...240VAC
Operating auxil. supply voltage range	90...264VAC
Operating frequency range	Hz 45...66Hz

Battery circuit

Battery rated voltage	VDC	12
Charging voltage	VDC	13.5
Battery type		"12V 1.2A Pb GEL or AGM (battery not supplied with FFLRA200)"
Battery dimensions	mm	98 x 48 x 54.5

RA communication input

Input type		From specific RA output present on Lovato FFL...EP/DP controllers
Input voltage	VDC	12
Input current	mA	≤11
Cable type		Twisted-pair, min. cross section 0.5mm ²
Max cable length	m	1000

Digital inputs

Number of digital input	Nr.	1
Digital input type		Negative
Digital input current	mA	≤5
High digital input signal	V	≥3.4
Low digital input signal	V	≤2.2
Digital input signal delay	ms	≥50

Relay outputs

Number of relay output	Nr.	2
Mechanical endurance		10 ⁷
Electrical endurance		10 ⁵

Insulations

Supply

Rated insulation voltage	VAC	250
Type of insulation		Double
Power frequency withstand voltage	kV	3.8

Connections

Type of terminal	Removable screw-type		
Conductor cross section			
AWG/Kcmil	min	AWG	24
	Max	AWG	12
IEC	min	mm ²	0.2
	Max	mm ²	2.5
Tightening torque for terminals	max	Nm	0.56
	max	lbin	5

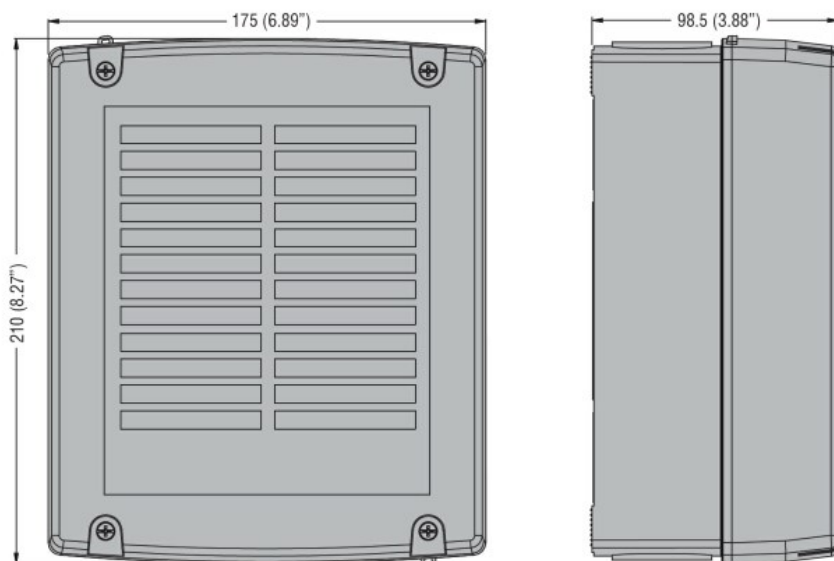
Ambient conditions

Temperature			
Operating temperature	min	°C	-25
	max	°C	+50
Storage temperature	min	°C	-30
	max	°C	+80
Relative humidity		%	<80% (IEC/EN 60068-2-78)

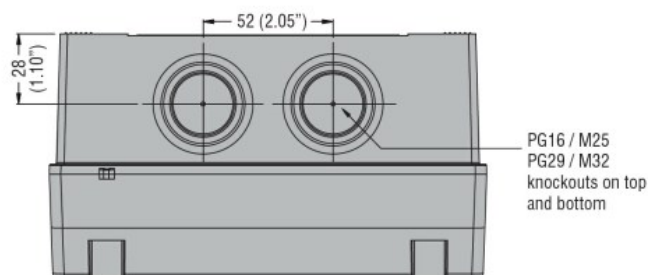
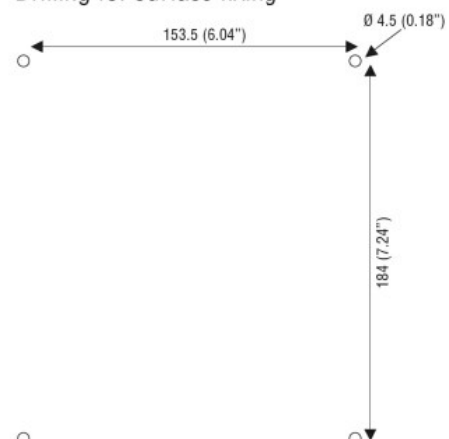
Housing

Execution	Wall mounting		
Material	ABS		
Degree of protection	IP40		
Dimensions (W x H x D)	mm	175 x 210 x 98.5	
Weight	g	1100g (without battery)	

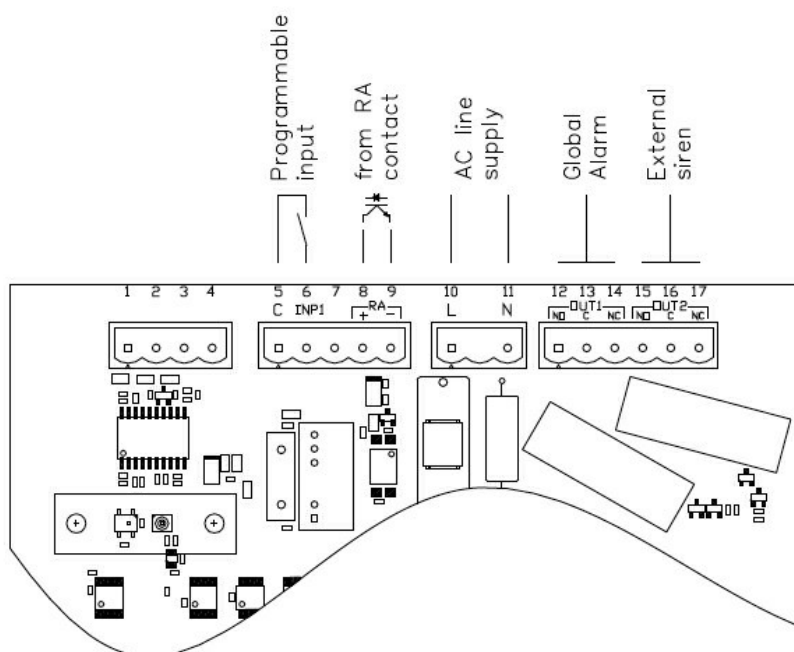
Dimensions



Drilling for surface fixing



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61000-6-2

IEC/EN 61000-6-3

IEC/EN 61010-1

IEC/EN 61010-2-030

UNI EN 12845

Certificates

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ETIM classification

ETIM 8.0

EC002685 -
Central fire alarm
control panel