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EW-080.10E

IC 912 / IC 915 SERIES REGULATORS TEMPERATURE AND PHYSICAL VARIABLES



SERIES FEATURES

Dimensions: 32 x 74 mm front. (Hole 20 x 71 mm.)
 depth 60 mm.

IP65 front protection

Inputs: depending on model

Outputs: 1 or 2 relays 8A to model

Power supply: all models are available in two versions
 230 Vac or 12V ac/dc

Configurable decimal point

Accuracy: better than or 5% of full scale + 1 digit.

Resolution: 1 ° C (F), 0.1 ° with decimal point.

Housing: plastic body in resin PC + ABS UL94V-0, visor in polycarbonate, buttons in thermoplastic resin.

Connections: screw terminal blocks for conductors <2.5 mm² (one conductor per terminal according VDE).

Installing on panel on 71x29mm hole

Operating temperature: -5 ... 55 ° C

Storage temperature: -30 ... 85 ° C

Use and storage humidity: 10 ... 90% (no condensing)

IC 912 LX controls are devices electronic point of intervention used to control temperature, relative humidity and pressure and compatible with TelevisSystem and systems monitoring with Modbus protocol.

IC 915 LX controls are devices 2-point electronic interventionControlling temperature, relative humidity and pressure. They are compatible with and TelevisSystem and systems monitoring with Modbus protocol..

MODELS AVAILABLES

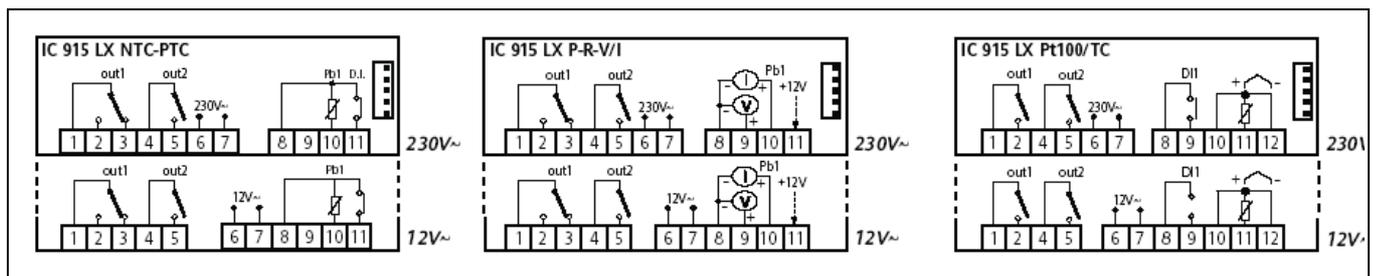
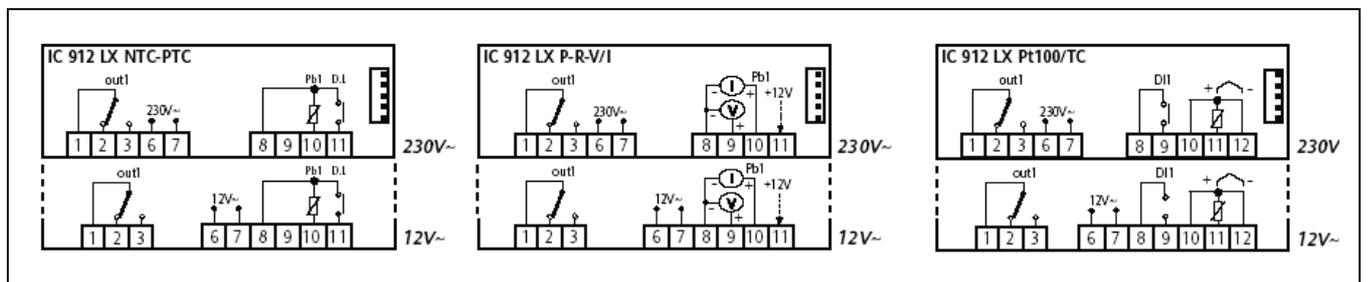
MODEL	INPUT	OUTPUT	POWER SUPPLY
IC 912 LX PTC / NTC	Configurable PTC / NTC	1 ON/OFF	12V or 230V According to model
IC 912 LX PT100 / TC	Configurable Pt100, Ni100/TCJ, TCK		
IC 912 LX 4/20	Configurable Current (0 .. 20mA. 4 .. 20mA) Voltage (0 .. 10V. 0 .. 5V. 0 .. 1V)		
IC 915 LX PTC / NTC	Configurable PTC / NTC	2 ON/OFF i or Neutral zone	
IC 915 LX PT100 / TC	Configurable Pt100, Ni100/TCJ, TCK		
IC 915 LX 4/20	Configurable Current (0 .. 20mA. 4 .. 20mA) Voltage (0 .. 10V. 0 .. 5V. 0 .. 1V)		

All models are supplied with cover for temperature ° C version

The models with input current or voltage can be supplied with cover humidity (R), pressure (P) or neutral (N).

The tables on the following page details the technical characteristics of the different models.

	IC 912 LX NTC / PTC IC 915 LX NTC / PTC	IC 912 LX PT100 / TC IC 915 LX PT100 / TC	IC 912 LX 4/20mA IC 915 LX 4/20mA
Range	NTC probe -50,0 a 110,0 °C PTC probe -55,0 a 140,0 °C	Pt100 probe -150 a 650 °C TCJ probe 0 a 750 °C TCK probe 0 a 1200 °C	-99 a 100 -99,9 a 100,0 -999 a 1000
Display	Selectable decimal point 3 1/2 digits + sign.	Selectable decimal point 3 1/2 digits + sign.	Selectable decimal point 3 1/2 digits + sign.
Input	Configurable 1 PTC or NTC IC 912 LX 2 PTC or NTC IC 915 LX	Configurable 1 Pt100 or TCJ o TCK	Configurable (0...1V,0...5V,0...10V) (0...20mA,4...20mA)
Digital input	1 contact	1 contact	-
Serial output	TTL for Copy Card connection to TelevisSystem and Modbus systems	TTL for Copy Card connection to TelevisSystem and Modbus systems	TTL for Copy Card connection to TelevisSystem and Modbus systems
Output	1 SPDT 8(3)A 250V~ 1 SPDT 8(3)A 250V~ * *(only IC 915)	1 SPDT 8(3)A 250V~ 1 SPDT 8(3)A 250V~ * *(only IC 915)	1 SPDT 8(3)A 250V~ 1 SPDT 8(3)A 250V~ * *(only IC 915)
Measuring range	-50 to 140 °C	-150 to 1350 °C	-999 to 1000
Accuracy	better than 0.5% of full scale +1 digit	Pt100: 0.5% full scale + 1digit 0.2% -150 to 300 °C TCJ: 0,4% full scale +1digit TcK: 0,5% full scale + 1digit 0,3% -40 a 300 °C	better than 0.5% of full scale +1 digit
Resolution	0,1 a 1 °C	Pt100: 0,1 °C up 199,9 °C 1°C more TCJ: 0,1 °C up199,9 °C 1°C more TCK : 1 °C	0,1 a 1
Consumption	1,5 W for 12V model 3W for 230V model	1,5 W for 12V model 3W for 230V model	1,5 W for 12V model 3W for 230V model
Power supply	12Vca/cc 230V ± 10% (50/60Hz) On request 24V ca/cc	12Vca/cc 230V ± 10% (50/60Hz) On request 24V ca/cc	12Vca/cc 230V ± 10% (50/60Hz) On request 24V ca/cc



CONNECTIONS