



Identification	Type	WLS 7-0101
	Part-No.	750101

Input

	0 – 10 V	2 – 10 V	0 – 20 mA	4 – 20 mA
Input resistance	100 kΩ	100 kΩ	100 Ω	100 Ω
Input signal	0(2)–10V, 0(4)–20mA; adjustable via Software, connection via mini-USB			
Galvanic isolation I/O	3-way isolation			
Transmission frequency	100 Hz			

Load Side

Contact type	K1,K2: Semi-conductor, N/O contact
Max. switching voltage	AC/DC 30 V
Max. switching current	AC/DC 100 mA

General

Nominal voltage	DC 24 V
Operation voltage range	DC 20 V–30 V
Rated current	30.0 mA
Status Indication	LED green, blinks for alarm
Adaptive control constraint	0 – 110 %
Hysteresis	0 – 90 %

20.04.2013 – Subject to technical modification

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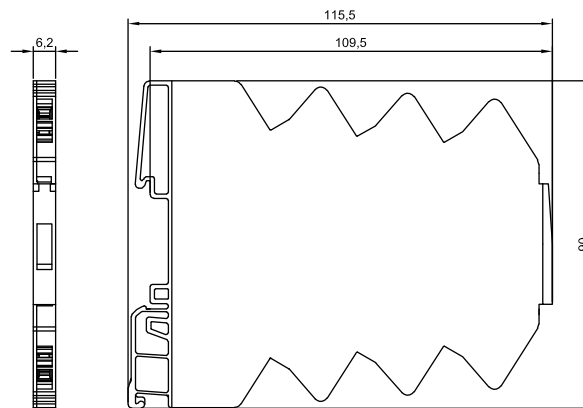


SYSTEMATIC TECHNOLOGY

Technical data sheet - Interface Technology

Delay ON/OFF	0 – 999 s
Operating mode	Limit value, window, tendency +, tendency -, tendency +/-, inversion
Linearity error	0.1 % FSR (23 °C)
Temperature error	< 30 ppm / °C
Insulation voltage input/output	2.5 kV _{eff}
Housing material	PPE
Field installation	rail TS 35 (EN 50022)
Protection class	IP 20
Installation position	Optional
Termination	Screw terminal: 0.14–1.5 mm ²
Operation temperature range	0 °C – 60 °C
Storage temperature range	-40 °C – 70 °C
Dimensions (w × h × d)	6.2×90.0×115.5 mm
Weight (kg/piece)	0.120 kg/piece
Approvals	cULus in preparation

Dimensions



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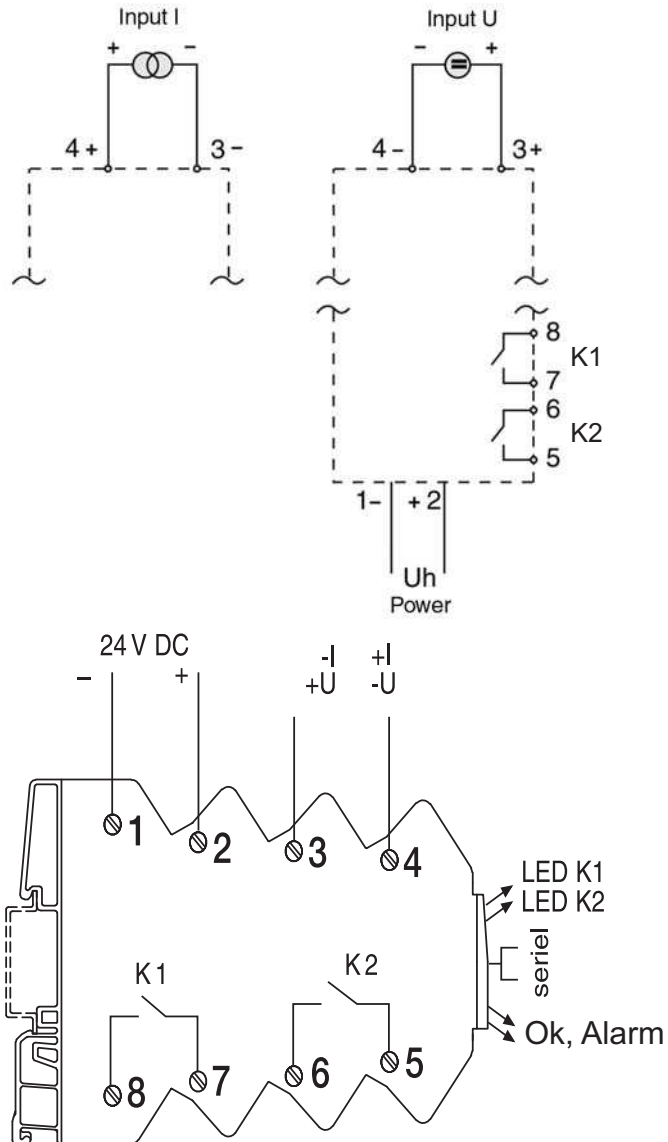
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PIN assignment



Accessories

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SYSTEMATIC TECHNOLOGY

Technical data sheet - Interface Technology

Accessories	Colour	Article number	Type	PU
Programming tool		750891	WPZB 7-0891	1
Marker holder 4×11 mm	white	681313	BZT 0411	100
Isolation plate		760809	TP 7-0809	5
Labels for laser printer A4 unpunched		681031	LEB-A-4	1
Labels for laser printer 4.23 x 11 mm (Sheet with 1056 labels)		681034	LEB 0411	1

Accessories

Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
Jumper comb 6A	red	762802	762805	762812	762822	762832	5
Jumper comb 6A	white	762803	762806	762813	762823	762833	5
Jumper comb 6A	blue	762804	762807	762814	762824	762834	5

Comments

Application: The limit switch is used for the limit value monitoring of standardized signals. These are used as threshold switch, monitoring relay, for temperature monitoring, pressure monitoring, overflow monitoring, dry-running monitoring, motor protection monitoring, speed monitoring, etc.

Description

Function: The process factors to be monitored can be present as direct current signal or DC voltage signal. After internal processing of the input signal, this is compared with the digitally set limit value and in the case of exceeding or falling below of the measurement signal, a transistor output is activated. Two switching functions can be realized via the transistor outputs each with one output. Each switching function can be parameterized with individual hysteresis from 0.1....90%, an On/Off switching delay from 0....999 seconds, an inverse operation as well as with a safety switching state for signal disturbances.

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