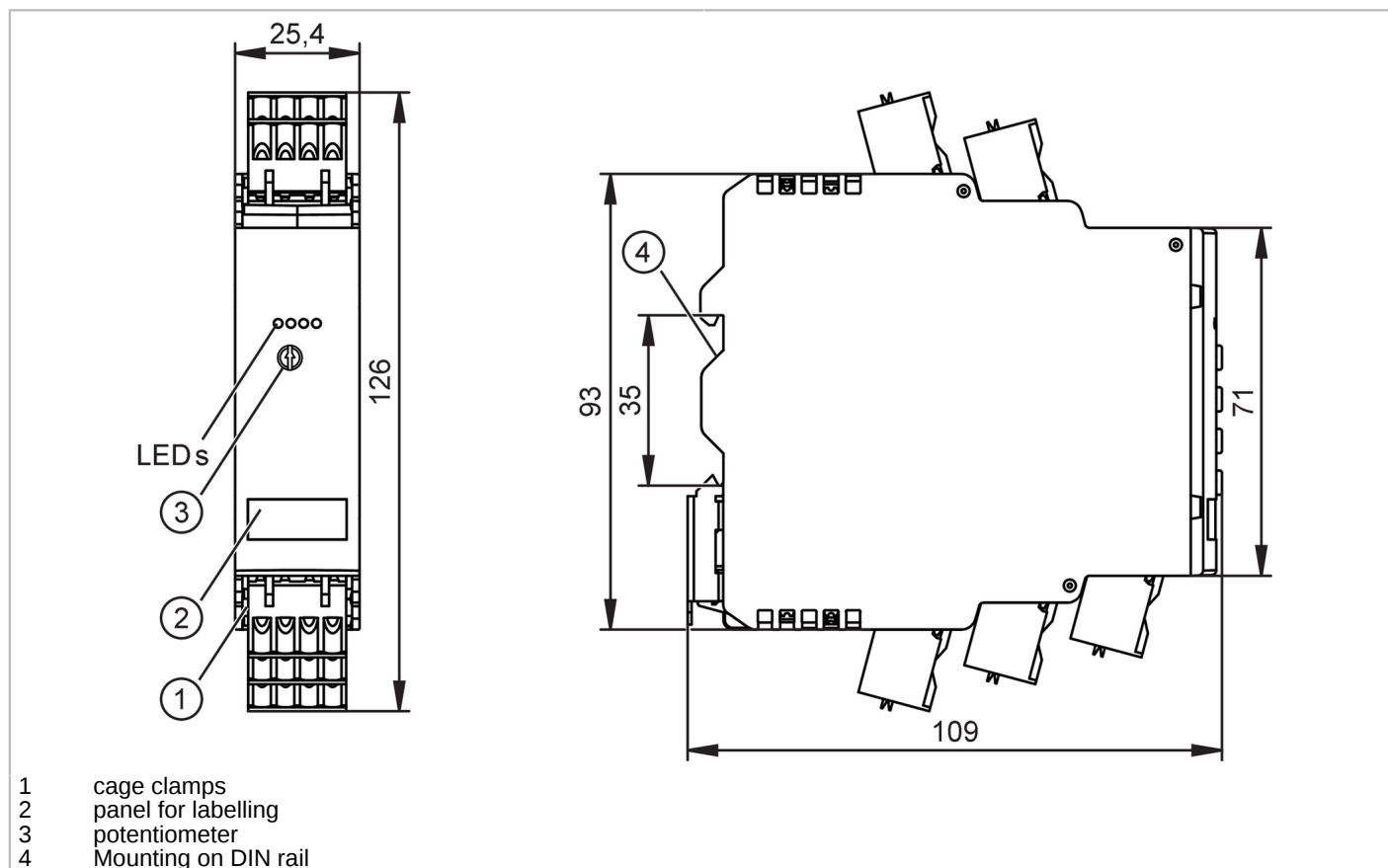


Evaluation unit for level monitoring/control

L200/LC-1/110-240VAC 24VDC



Product characteristics

Housing	rectangular
Dimensions [mm]	93 x 25.4 x 109

Application

Design	housing for DIN rail mounting
Application	two point level control

Electrical data

Operating voltage [V]	110...240 AC / 27 DC; (tolerance: -20 % / +10 % ; DC operation: SELV)
Nominal voltage AC [V]	110...240
Nominal voltage DC [V]	27
Nominal frequency AC [Hz]	50...60
Current consumption [mA]	AC operation: max. 8 A (including maximum AC supply for additional devices)
Max. power consumption DC [W]	4
Overvoltage category	II
Auxiliary energy for sensors DC [V]	18.5...30; (SELV, Short-circuit proof , ≤ 100 mA)

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 2; Number of digital outputs: 1; Number of relay outputs: 1
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Inputs

Number of digital inputs	2; (2 x sensor signal)
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Evaluation unit for level monitoring/control

L200/LC-1/110-240VAC 24VDC

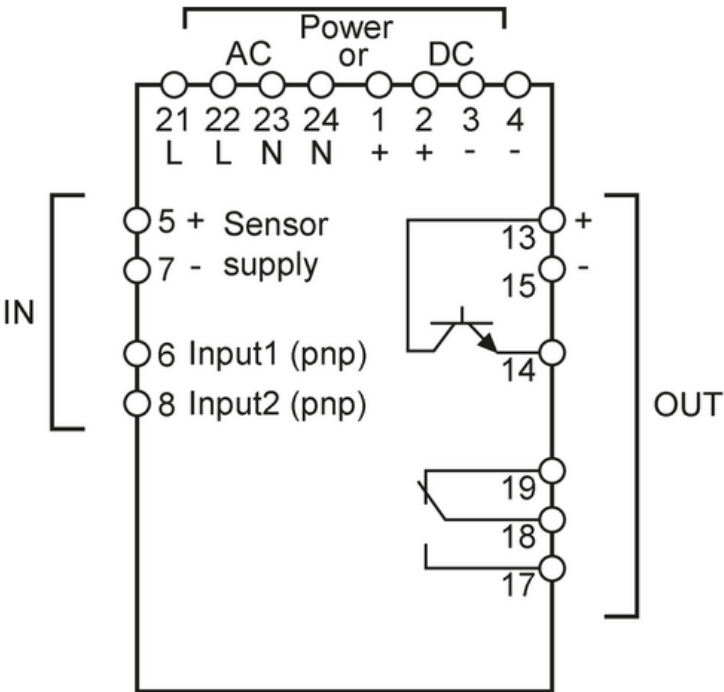
Input circuit of digital inputs	PNP; (type 2 according to IEC 61131-2)	
Input current High [mA]	6...10	
Input current low [mA]	0...5	
Switching level high [V]	11...30	
Switching level low [V]	0...5	
Outputs		
Number of digital outputs	1	
Number of relay outputs	1	
Digital output		
Circuit	PNP	
Current rating outputs [A]	0.1	
Short-circuit proof	yes	
Electrically separated	no	
Relay output		
Minimum load current [mA]	10; (> 12 V)	
Number of relay outputs	1; (changeover contact)	
Contact rating	6 A; (max. 240 V AC / 30 V DC see diagram:: Contact rating ; B300: 6000 cycles)	
Switching frequency AC [Hz]	< 0.1	
Switching frequency DC [Hz]	< 0.1	
Short-circuit proof	no	
Electrically separated	yes	
Software / programming		
Parameter setting options	setting of the input delay via potentiometer	
Operating conditions		
Ambient temperature [°C]	-25...60	
Note on ambient temperature	Contact rating Relay output: B300 max. 50 °C	
Storage temperature [°C]	-25...70	
Max. relative air humidity [%]	80; (40 °C: 50 % non condensing)	
Max. height above sea level [m]	2000	
Protection	IP 20; (when mounted)	
Protection rating terminals	IP 20	
Pollution degree	2	
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-3	
Electrical safety	EN 61010-1	
	EN 61010-2-201	
MTTF [years]	224	
Mechanical data		
Weight [g]	235	
Housing	rectangular	
Type of mounting	Mounting on DIN rail; (TH35 (EN 60715))	
Dimensions [mm]	93 x 25.4 x 109	



Evaluation unit for level monitoring/control

L200/LC-1/110-240VAC 24VDC

Material	housing: PC-GF20	
Displays / operating elements		
Display	voltage supply	1 x LED, green
	Inputs	2 x LED, yellow
	Output	1 x LED, green
Accessories		
Items supplied	cage clamps: 5	
Remarks		
Remarks	For information about installation and operation please see the operating instructions.	
Pack quantity	1 pcs.	
Electrical connection		
cage clamps: ...2.5 mm²		
Connection		



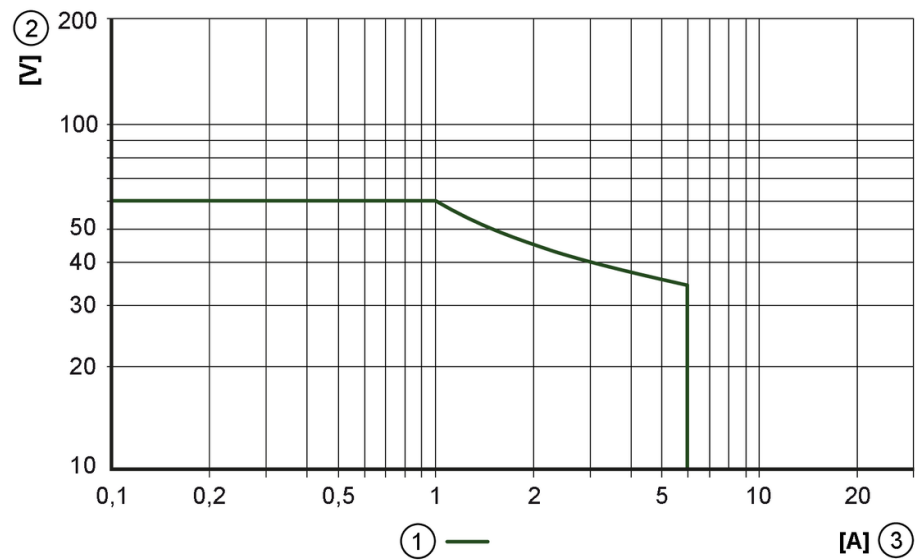


Evaluation unit for level monitoring/control

L200/LC-1/110-240VAC 24VDC

Diagrams and graphs

Contact rating



- 1 resistive load
- 2 Voltage [DC]
- 3 Current [DC]