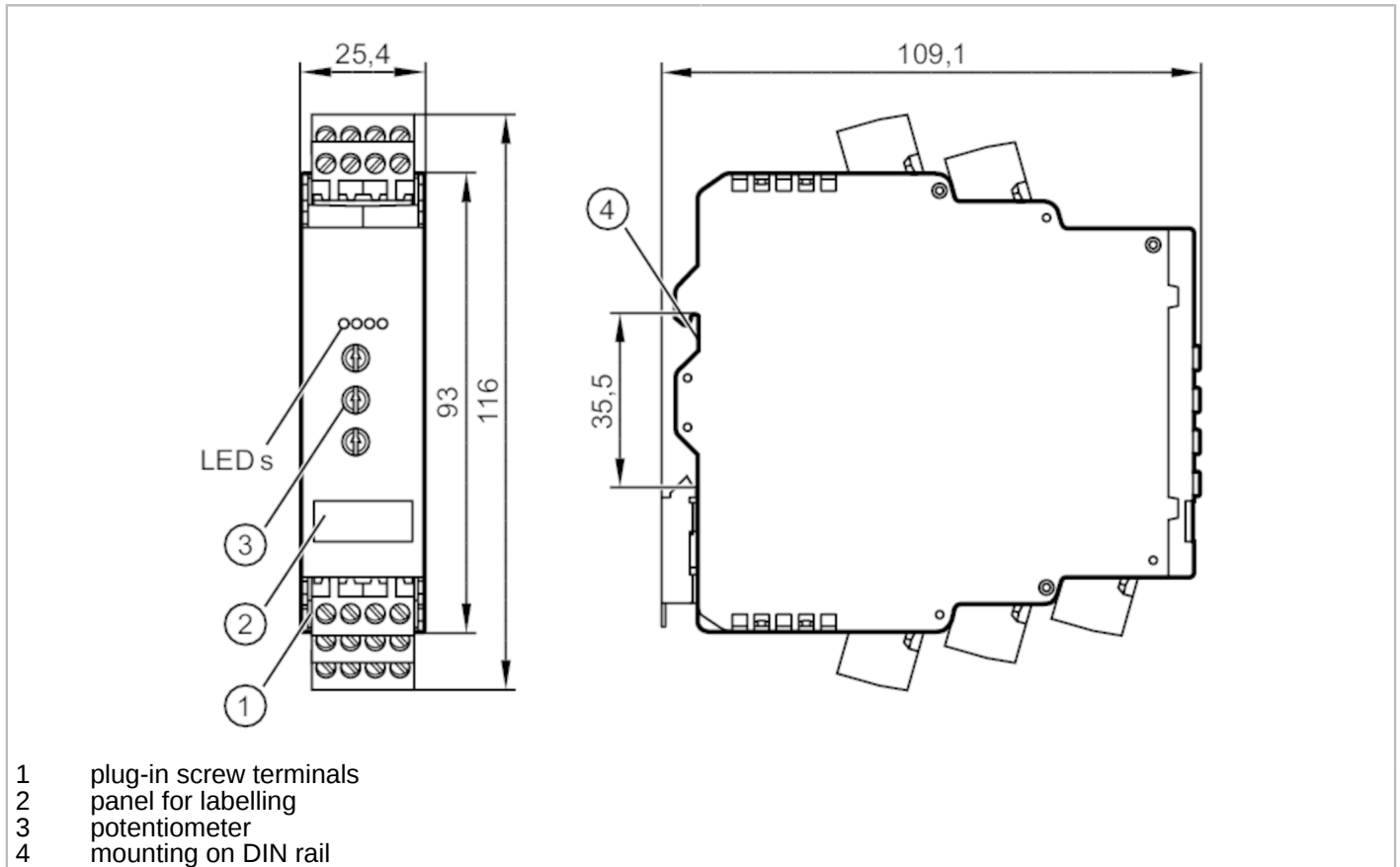


DL0201



Evaluation unit for level monitoring/control

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



Product characteristics	
Housing	housing for DIN rail mounting
Application	
Application	Protection of a tank against overspill or dry run
Electrical data	
Operating voltage tolerance 2 [%]	> 20
Nominal voltage AC [V]	110...240
Nominal voltage DC [V]	27
Nominal voltage tolerance [%]	> 20
Nominal voltage tolerance 2 [%]	20...10
Nominal frequency AC [Hz]	50...60
Insulation rating [V]	9
Max. power consumption AC [W]	6
Max. power consumption DC [W]	4
Auxiliary energy for sensors DC [V]	18.5...30; (SELV, ≤ 100 mA)
Inputs / outputs	
Number of inputs and outputs	Number of digital outputs: 1; Number of relay outputs: 1



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Outputs		
Number of digital outputs	1	
Number of relay outputs	1	
Contact rating	4 A (240 V AC, 24 V DC); (ohmic resistance)	
Short-circuit proof	yes	
Operating conditions		
Ambient temperature [°C]	-25...60	
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	
Protection rating terminals	IP 20	
Degree of soiling	2; (\leq 240 V AC)	
Tests / approvals		
MTTF [years]	224	
UL approval	UL Approval no. N001	
Mechanical data		
Weight [g]	242.5	
Housing	housing for DIN rail mounting	
Type of mounting	rail; (TH35 EN 60715)	
Materials	plastics: PC-GF20	
Displays / operating elements		
Display	voltage supply	1 x LED, green
	input	1 x LED, yellow
	Output	1 x LED, green
	enable signal	1 x LED, yellow
Accessories		
Accessories (supplied)	connector: 5 x 4-wire, with screw connection, E40173	

DL0201



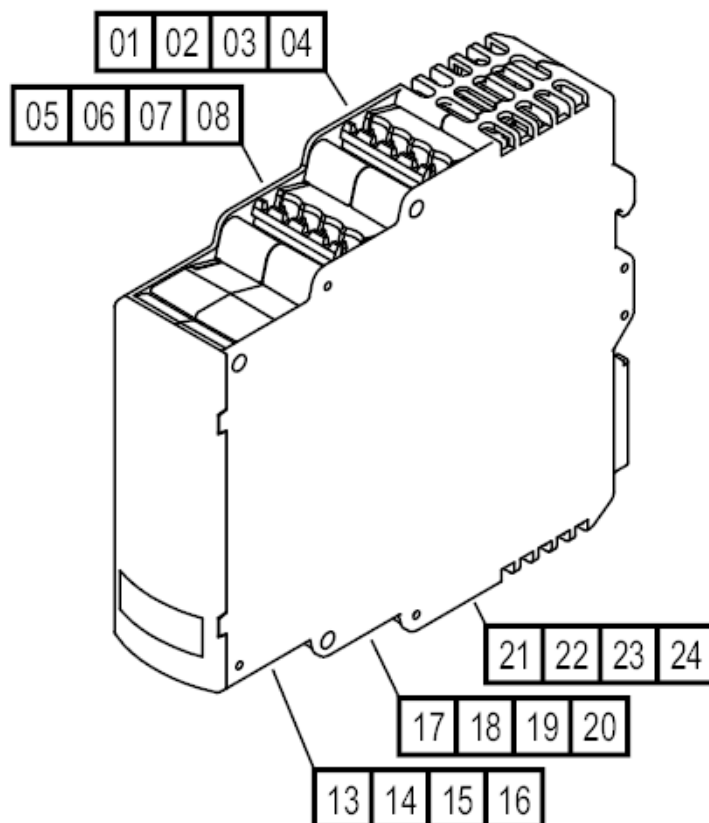
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Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



DL0201



Evaluation unit for level monitoring/control

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01	DC supply voltage (+)
02	DC supply voltage (+)
03	DC supply voltage (-)
04	DC supply voltage (-)
05	DC Sensor supply (+)
06	sensor signal pnp
07	DC Sensor supply (-)
08	enable signal pnp
13	supply transistor output (+)
14	transistor output pnp
15	common reference point external supply (-)
16	not used
17	relay normally open
18	relay common
19	relay normally closed
20	not used
21	AC supply voltage (L)
22	AC supply voltage (L)
23	AC supply voltage (N)
24	AC supply voltage (N)