DZ0401

COUNTER/400/230VAC

Evaluation systems, power supplies

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replaced by: E89005
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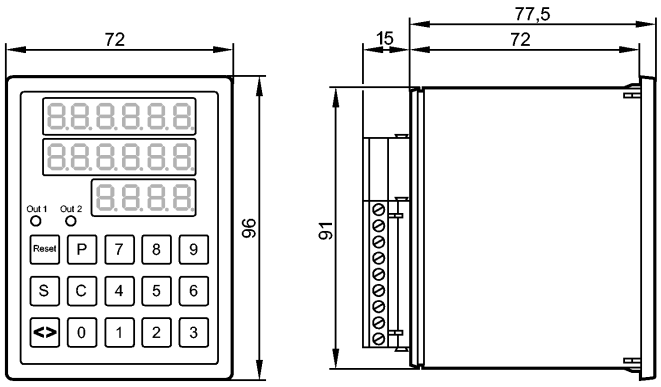

dimensions (panel cutout): 92 x 67 mm

CE

Product characteristics		
Electronic counter		
400		
Housing for panel mounting		
programmable		
Application		
Application		preset counter with 2 presets
Switching output		relay (2 changeover contact)
Electrical data		
Nominal voltage	[V]	230 AC (50...60 Hz) / 24 DC
Voltage tolerance	[%]	± 10
Current consumption [mA]		signal input: typ. 10 mA (at 24 V DC); control input: typ. 10 mA
Power consumption	[VA]	15 VA (230 V AC) / 12 W (24 V DC)
Sensor supply	[V]	24 DC (200 mA) *)
Inputs		
Input frequency (max.)		signal input: 20 kHz; control input: 60 Hz
Outputs		
Relay		
Contact rating		3 A / 250 V AC
Environment		
Ambient temperature	[°C]	0...50
Protection housing / terminals		IP 40 / IP 00
Mechanical data		
Housing materials		aluminium black anodised
Weight	[kg]	0.797
Displays / operating elements		
Operation	LED	2 red (lights when the output relay is energized)
Function display	LED	7-segment LED display; red; 8 mm; 4/6 positions

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Electrical connection

Connection	coded plug-in terminal strips; screw terminals up to 2.5 mm²

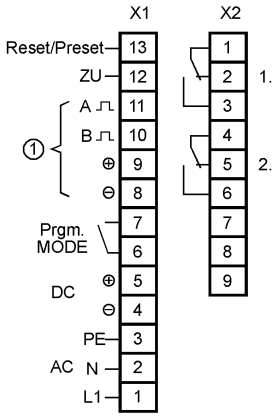
Wiring

terminals X1

1: AC Supply voltage (L1)
2: AC Supply voltage (N)
3: Protective earth (PE)
4: DC Supply voltage (-)
5: DC Supply voltage (+)
6: link for programming mode
7: link for programming mode
8: Sensor supply (L-)
9: Sensor supply (L+)
10: signal input B (subtracting)
11: signal input A (adding)
12: counting interruption (ZU)
13: reset-/preset pulse

terminals X2

1: Relay 1 (common)
2: Relay 1 (normally closed)
3: Relay 1 (normally open)
4: Relay 2 (common)
5: Relay 2 (normally closed)
6: Relay 2 (normally open)



1 = sensor

Remarks

Remarks		*) short-circuit protection
Pack quantity	[piece]	1

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