



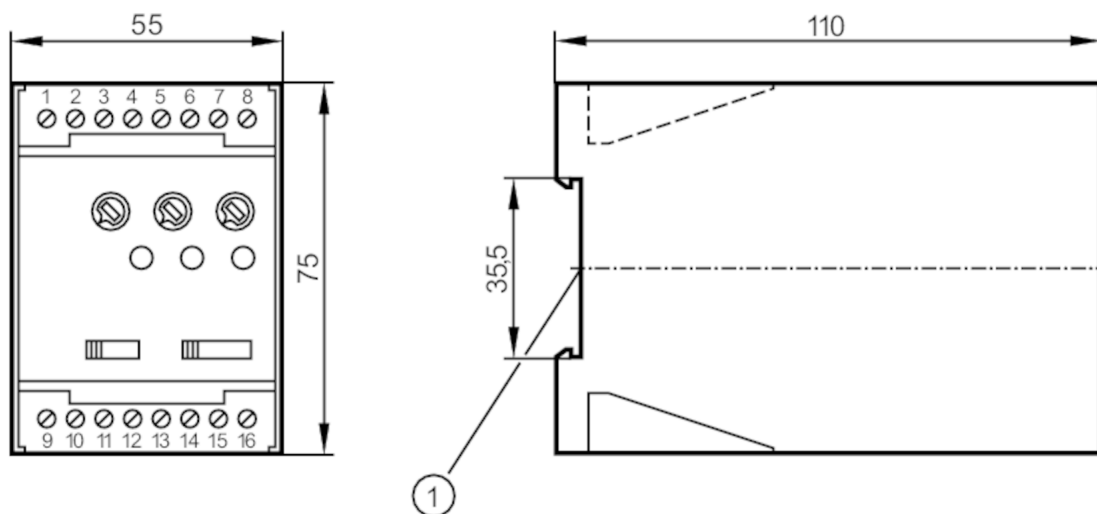
Evaluation unit for speed monitoring

D100/230VAC/10-10K

Article no longer available - archive entry

Alternative articles: DD0296

When selecting an alternative article and accessories please note that technical data may differ!



1 Mounting on DIN rail



Product characteristics

Housing	housing for DIN rail mounting
Dimensions [mm]	75 x 55 x 110

Application

Application	universal evaluation of pulse sequences with regard to overspeed and underspeed; Rotational speed monitoring
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Electrical data

Nominal voltage AC [V]	< 230
Nominal voltage DC [V]	24
Nominal voltage tolerance [%]	10
Nominal voltage tolerance 2 [%]	10
Nominal frequency AC [Hz]	50...60
Auxiliary energy for sensors DC [V]	24; (≤ 30 mA)

Inputs / outputs

Number of inputs and outputs	Number of relay outputs: 1
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Outputs

Number of relay outputs	1
Contact rating	8 A / 1250 VA / 250 V AC

Measuring/setting range

Setting range [Imp/min]	10...10000
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Accuracy / deviations		
Hysteresis	[% of Sr]	5...100
Repeatability	[% of Sr]	1
Reaction times		
Start-up delay	[s]	0.5...15
Software / programming		
Adjustment of the switch point	fine adjustment within the range with potentiometer	
Operating conditions		
Ambient temperature	[°C]	-20...70
Protection		IP 40
Protection rating terminals		IP 20
Mechanical data		
Weight	[g]	0.414
Housing		housing for DIN rail mounting
Dimensions	[mm]	75 x 55 x 110
Material		plastics
Displays / operating elements		
Display	Switching status	LED, green
	Power	1 x LED, green

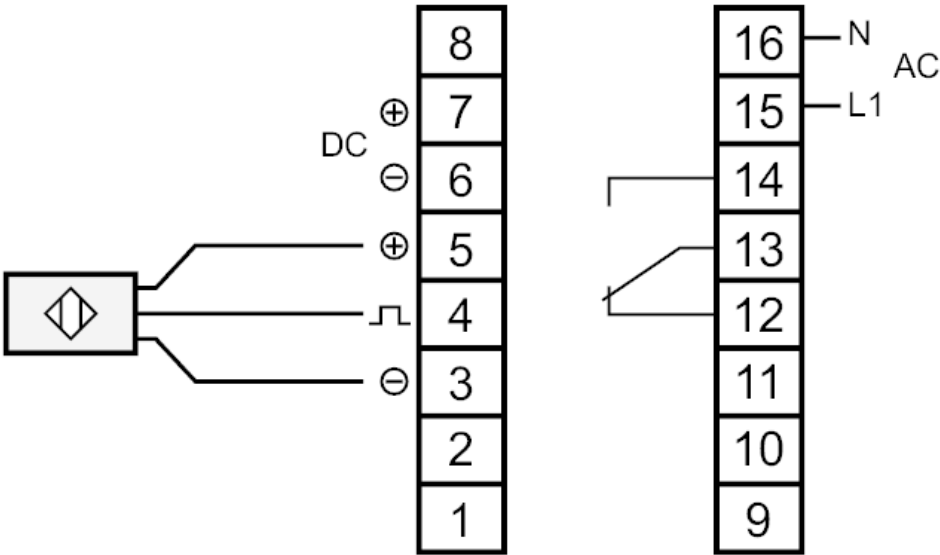


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Electrical connection

Connection



- 01: not used
- 02: not used
- 03: DC Sensor supply (-)
- 04: sensor signal pnp
- 05: DC Sensor supply (+)
- 06: DC Supply voltage (-)
- 07: DC Supply voltage (+)
- 08: not used
- 09: not used
- 10: not used
- 11: not used
- 12: Relay normally closed
- 13: Relay common
- 14: Relay normally open
- 15: AC Supply voltage (L)
- 16: AC Supply voltage (N)