

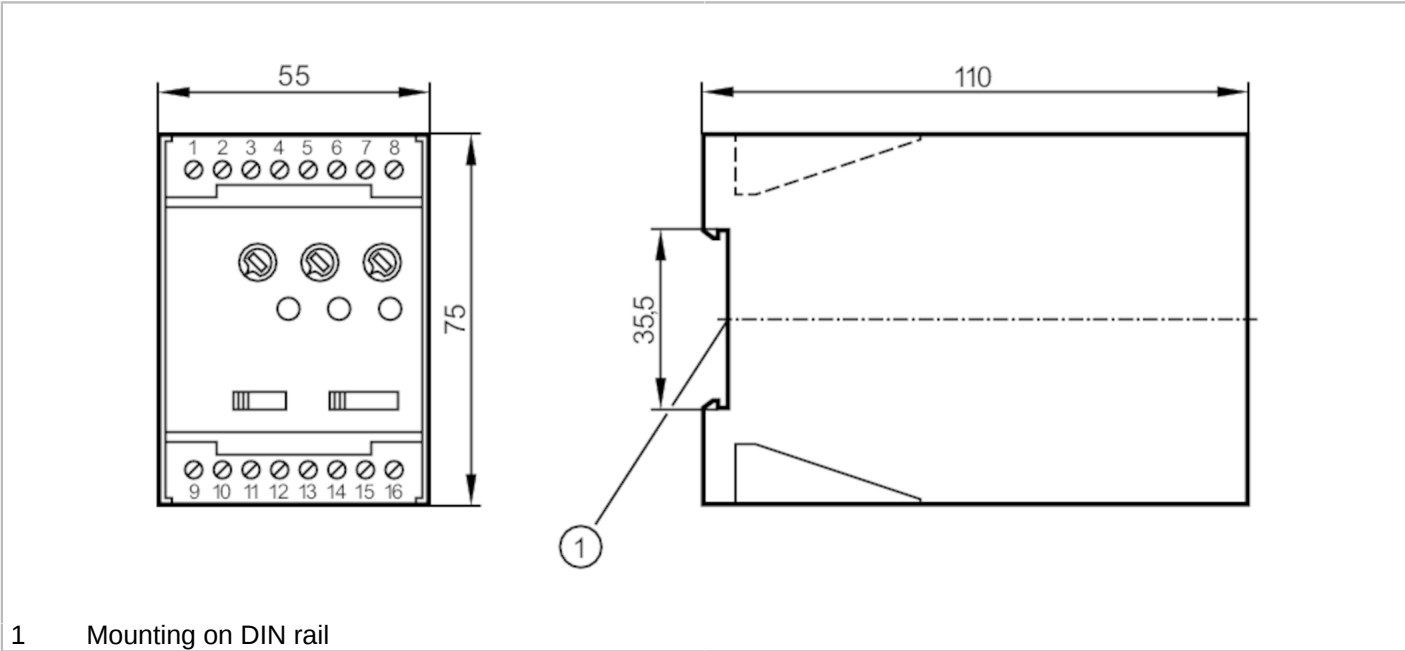


Evaluation unit for speed monitoring

D100/110-240VAC/DC

Article no longer available - archive entry

Alternative articles: DD0203
When selecting an alternative article and accessories please note that technical data may differ!



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]	110...240
Nominal voltage DC [V]	110...240
Nominal voltage tolerance [%]	< 10
Nominal voltage tolerance 2 [%]	20...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 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	6 A (250 V AC); B300, R300
Analog current output [mA]	...200
Analog voltage output [V]	...24



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Measuring/setting range		
Setting range	[Imp/min]	5...5000
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]	0.294
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

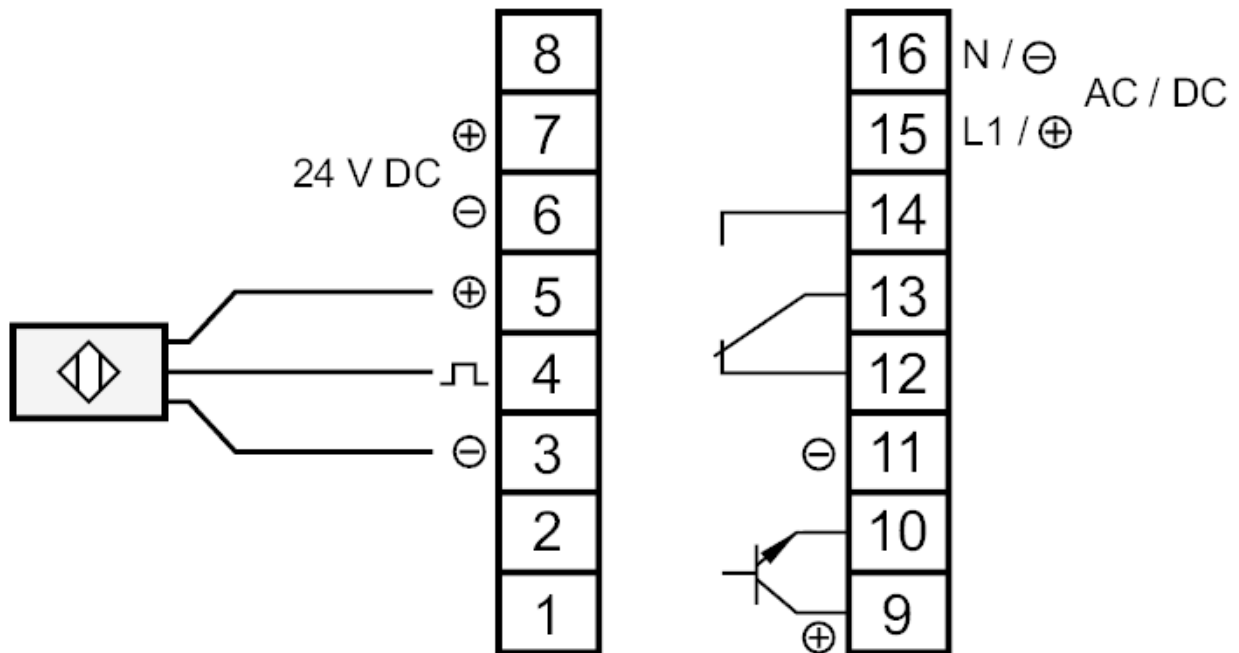


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Electrical connection

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:	Supply transistor output (+)
10:	transistor output pnp
11:	Supply transistor output (-)
12:	Relay normally closed
13:	Relay common
14:	Relay normally open
15:	AC/DC Supply voltage (L/+)
16:	AC/DC Supply voltage (N/-)