DD0116

Evaluation unit for speed monitoring

D100/110-240VAC/DC

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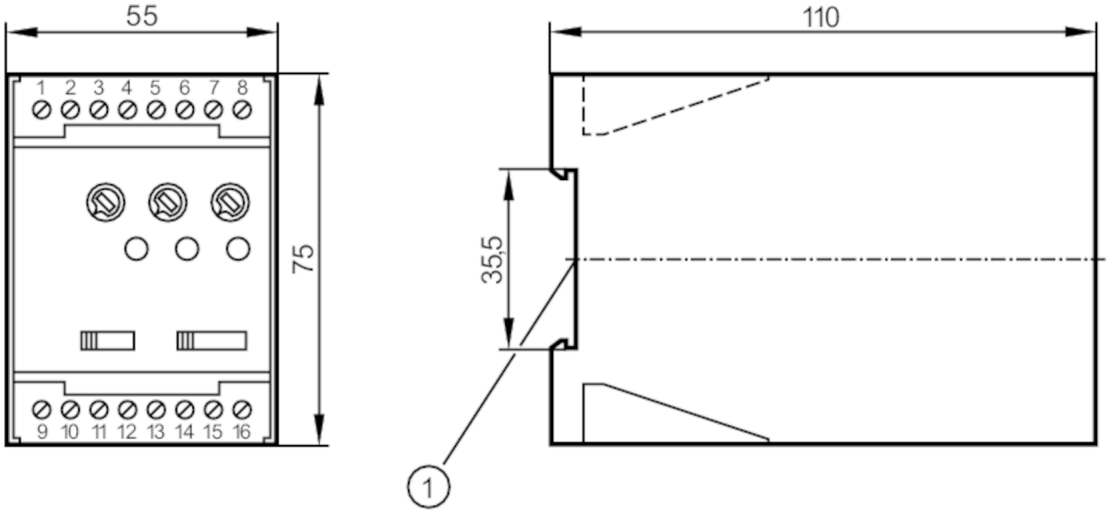
Alternative articles: DD0203

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
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
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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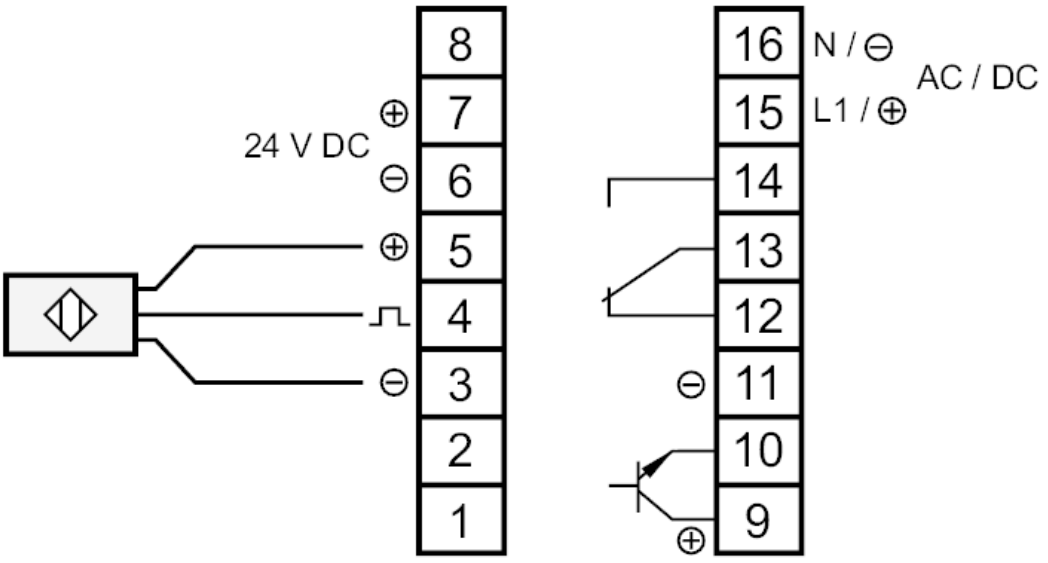
Electrical connection

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/-)