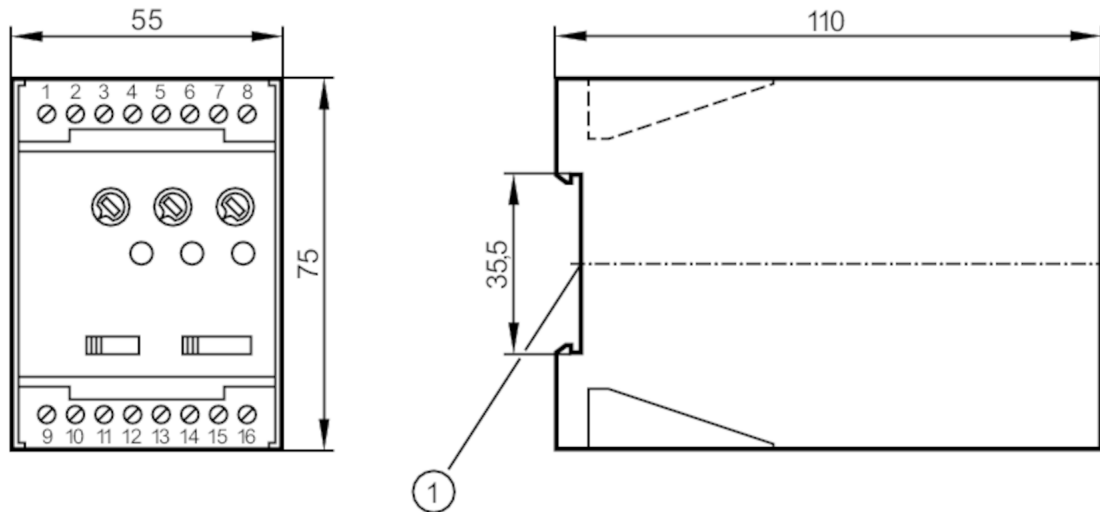


Evaluation unit for speed monitoring

D100/250VAC/10-10K

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1 mounting on DIN rail



Application

Application

universal evaluation of pulse sequences with regard to
overspeed and underspeed; rotational speed monitoring

Electrical data

Nominal voltage AC	[V]	< 250
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

Outputs

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

Detection zone

Sensing range adjustable	no
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Measuring/setting range

Setting range	[Imp/min]	10...10000
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Accuracy / deviations

Hysteresis	[% of Sr]	5...100
Repeatability	[% of Sr]	1

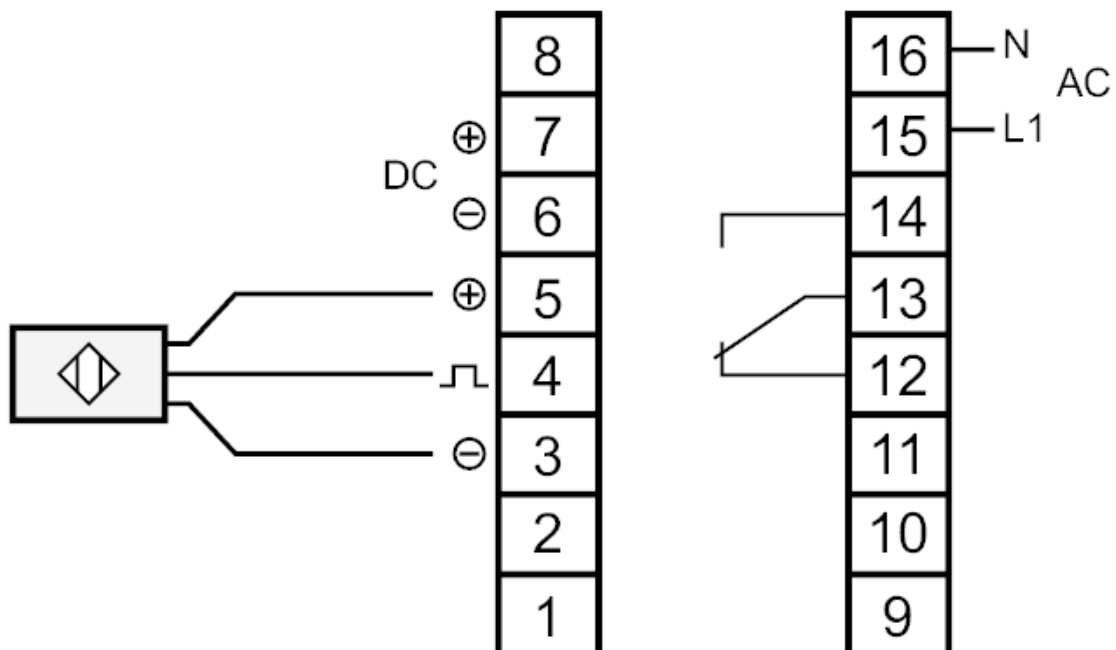
DD0024



Evaluation unit for speed monitoring

D100/250VAC/10-10K

Response 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		
Housing	housing for DIN rail mounting	
Dimensions	[mm]	75 x 55 x 110
Materials	plastics	
Displays / operating elements		
Display	switching status	LED, green
	operation	1 x LED, green
Electrical connection		
Connection		



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