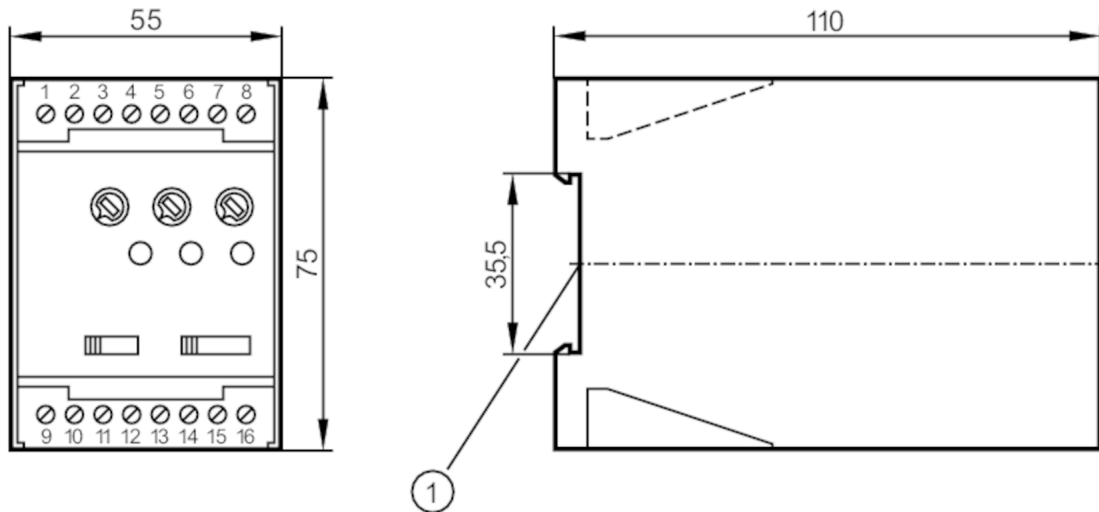




Evaluation unit for speed monitoring

D100/230VAC/WINDOW

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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]	< 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: 2

Outputs

Number of relay outputs	2
Contact rating	8 A / 1250 VA / 250 V AC

Detection zone

Sensing range adjustable no

Measuring/setting range

Setting range [Imp/min] 100...1000

Accuracy / deviations

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

DD0111



Evaluation unit for speed monitoring

D100/230VAC/WINDOW

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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