

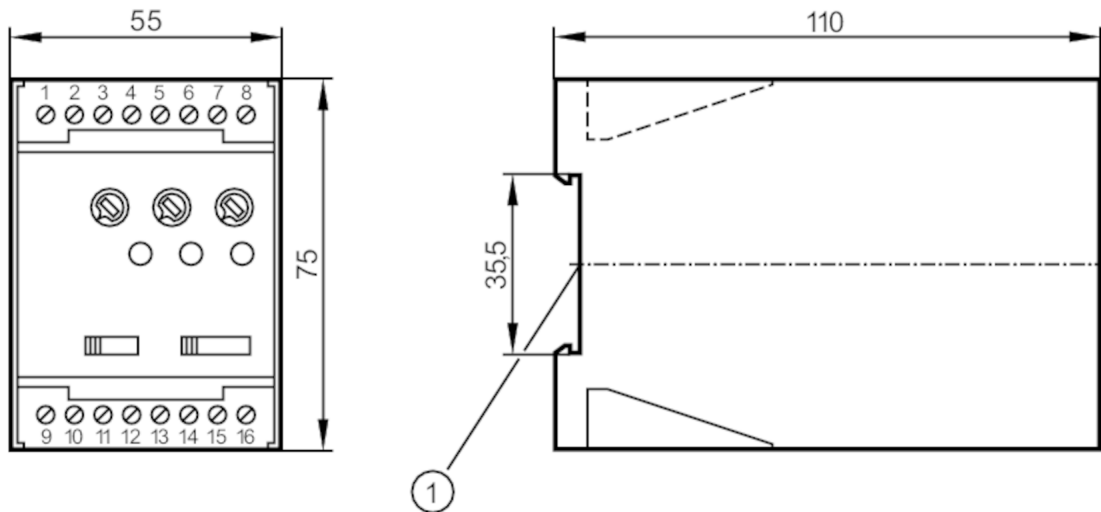


Evaluation unit for speed monitoring

D100/230VAC/10-10K

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replaced by: DD0296 – Discontinuation date: 31.03.2015



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
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
Tests / approvals		
MTTF	[years]	469
Mechanical data		
Weight	[g]	0.414
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
Remarks		
Notes	discontinued article	

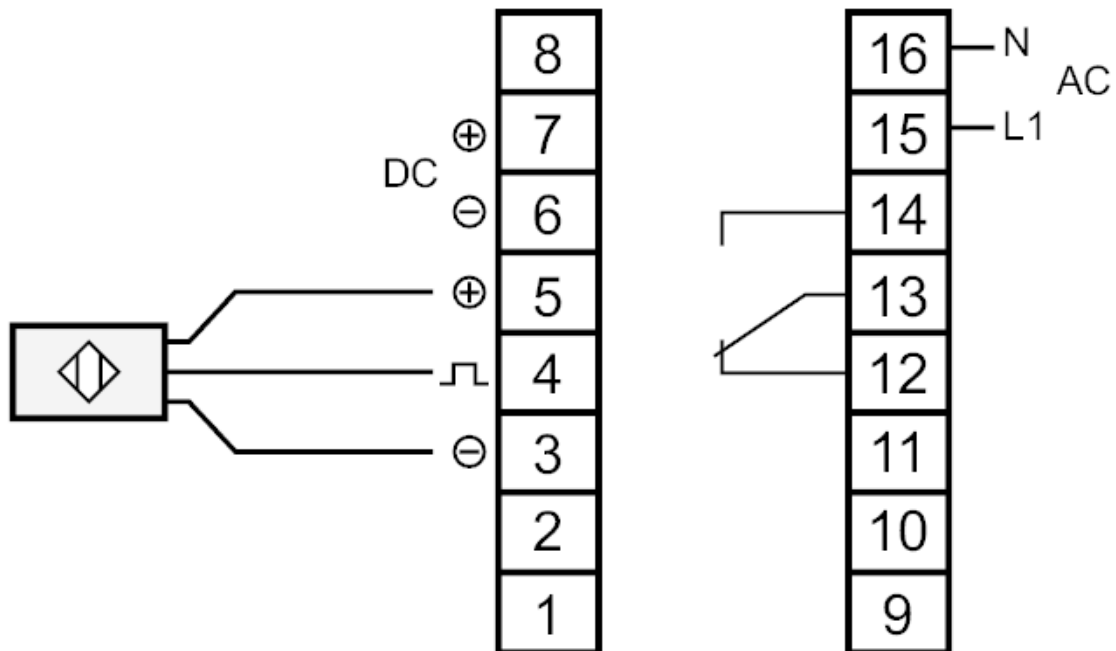


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Electrical connection

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)

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DD0022



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