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No scale drawing available



| Application | |
|-------------------------------------|--|
| Application | universal evaluation of pulse sequences with regard to overspeed and underspeed; rotational speed monitoring |
| Electrical data | |
| Nominal voltage AC [V] | < 110 |
| 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 analogue outputs: 1; Number of relay outputs: 1 |
| Outputs | |
| Number of relay outputs | 1 |
| Contact rating | 8 A / 1250 VA / 250 V AC |
| Number of analogue outputs | 1 |
| Analogue current output [mA] | 0...20 |
| Max. load [Ω] | 500 |
| Detection zone | |
| Sensing range adjustable | no |
| Measuring/setting range | |
| Setting range [Imp/min] | 5...50 |

DD0030



Evaluation unit for speed monitoring

D100/110VAC/0-20mA

| 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] | 0...70 |
| Protection | | IP 40 |
| Protection rating terminals | | IP 20 |
| Mechanical data | | |
| Housing | housing for DIN rail mounting | |
| Materials | plastics | |
| Displays / operating elements | | |
| Display | switching status | LED, red |
| Electrical connection | | |
| Connection | | |

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