DC0002

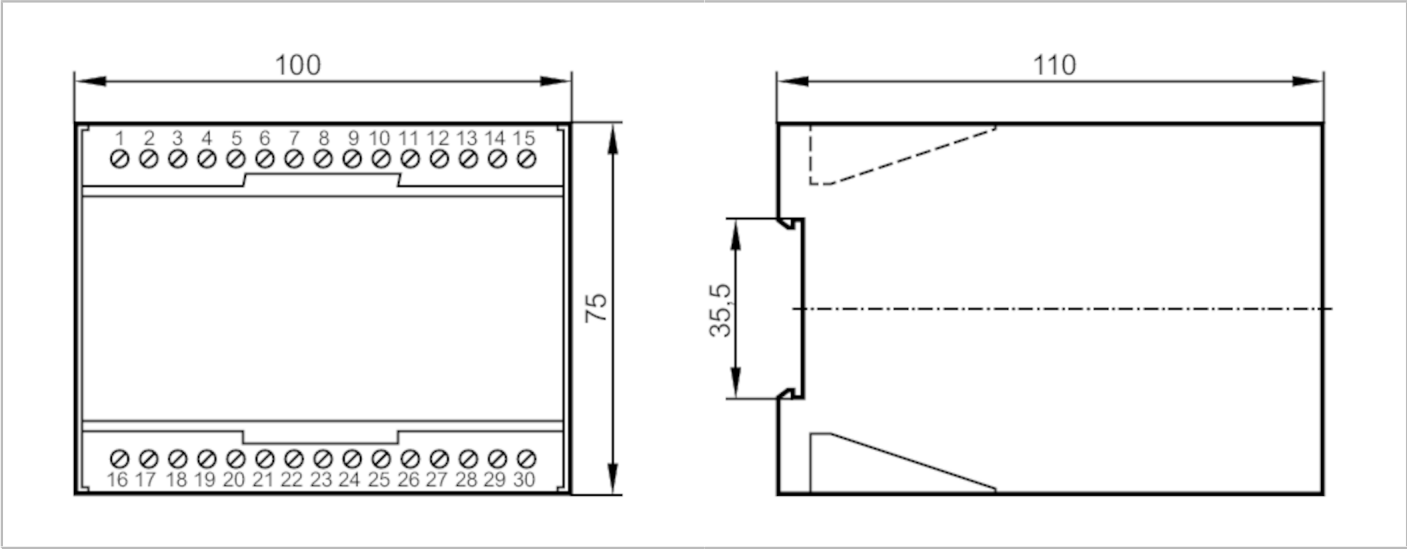### Evaluation unit for skew monitoring

C230/230VAC

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CE

Product characteristics

Housing		housing for DIN rail mounting
Dimensions	[mm]	75 x 100 x 110

Application

Application	monitoring the belt with 2 sensors each at the ends of the bucket conveyor with regard to misalignment; skew monitoring on bucket conveyors to prevent belt wear and subsequent damage

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]	47...63
Auxiliary energy for sensors DC	[V]	24

Inputs / outputs

Number of inputs and outputs	Number of relay outputs: 2

Outputs

Number of relay outputs	2
Contact rating	6 A / 1000 VA / 250 V AC

Software / programming

Adjustment of the switch point	potentiometer

Operating conditions

Ambient temperature	[°C]	0...50
Protection		IP 40
Protection rating terminals		IP 20

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Evaluation unit for skew monitoring

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Mechanical data		
Weight	[g]	624
Housing		housing for DIN rail mounting
Dimensions	[mm]	75 x 100 x 110
Material		plastics

Displays / operating elements		
Display	Switching status	2 x LED, red
	input signal	4 x LED, green
	fault	4 x LED, red

Electrical connection
terminals: ...2.5 mm²

Connection