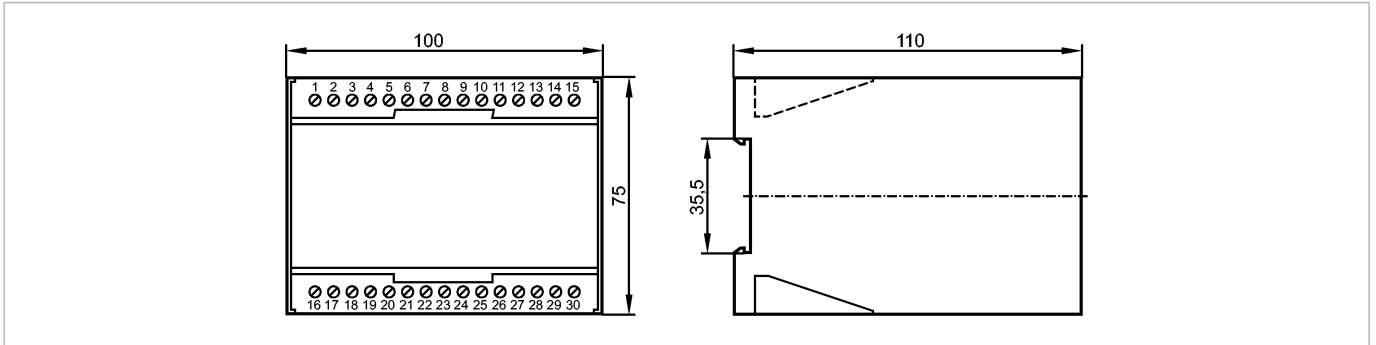




C230/230VAC

Evaluation systems, power supplies



Product characteristics

Skew monitor

C230

Housing for DIN rail mounting

2 output relays for separately switching off material supply and conveyor

monitoring the belt with 2 sensors each at the ends of the bucket conveyor with regard to misalignment

error saving with external reset

Application

Application skew monitoring on bucket conveyors to prevent belt wear and subsequent damage

Electrical data

Nominal voltage [V] 230 AC (47...63 Hz) / 24 DC

Voltage tolerance [%] ± 10

Sensor supply [V] 24 DC

Outputs

Relay

Contact rating 6 A / 1000 VA / 250 V AC

Measuring / setting range

Adjustment of the switch point potentiometer

Possible settings

delay time for switching off material supply and conveyor (3...12 s)
delay time for relay 2 (1.5...15 s)

Environment

Ambient temperature [°C] 0...50

Protection housing / terminals IP 40 / IP 20

Safety classification

MTTF [a] 289

Mechanical data

Housing materials plastics

Weight [kg] 0.623

Displays / operating elements

Power LED 4 x green (correct operation of the input)

Input pulses LED 4 x red (error indication of the input)

Output status indication LED 2 red (lights when the output relay is energized)

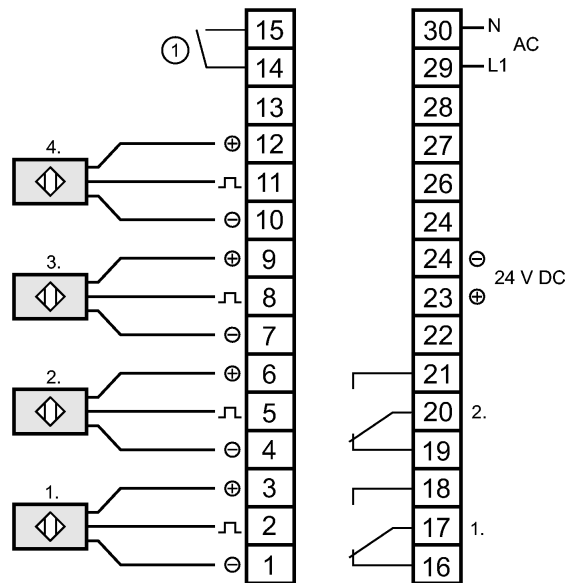
Electrical connection

Connection terminals up to 2.5 mm²

Wiring

DC0002 - Skew monitor - eclass: 27371811 / 27-37-18-11

1: reset (ext.
normally opened
contact, approx. 1
s)



Remarks

Pack quantity [piece] 1