



Switching amplifiers

EN2-2EX-1

ONLINE DATA SHEET
www.mysick.com

Model Name > [EN2-2EX-1](#)**Part No.** > [6041096](#)

- Marking: [EX] II (1) G [Ex ia Ga] IIC; [EX] II (1) D [Ex ia Da] IIIC; [Ex] II 3 G Ex nA nC IIC T4 Gc X
- Cable fault detection
- 3-way galvanic separation
- EN2-2EX-1:
 - Universal supply voltage
 - 24 ... 230 V AC/DC
 - 2 channels with invertible SPDT relay
- EN2-2EX-3:
 - 2 channels with invertible N/O relay
 - Installation permissible in zone 2

Technical data

Switching outputs:	2 changeover relay (1 per channel)
No-load voltage::	DC, 8 V
Inputs:	2
Ambient operation temperature, min ... max::	-20 °C ... +60 °C
Housing material:	Plastic
Ambient storage temperature:	-40 °C 80 °C
EC Approval Certificate:	IBEX U10 ATEX 1034
Output voltage U0 max.:	9.6 V
Output current I0 max.:	10.3 mA
Output power P0 max.:	25 mW
Internal inductance Li max.:	Ca. ± 0 µH
Internal capacitance Ci max.:	11 µF

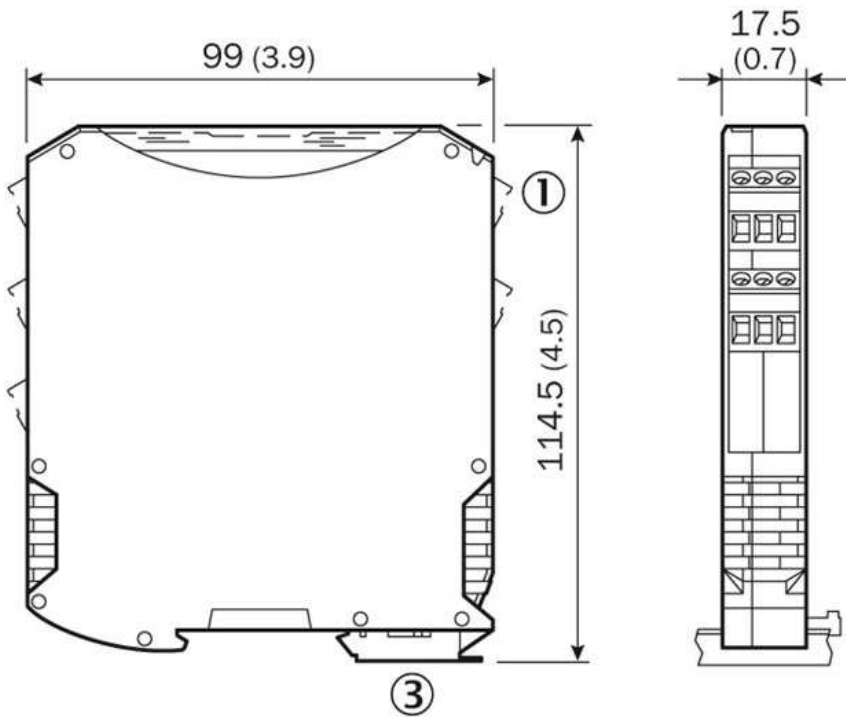
Electrical data

Supply voltage:	AC/DC 24 ... 230 V
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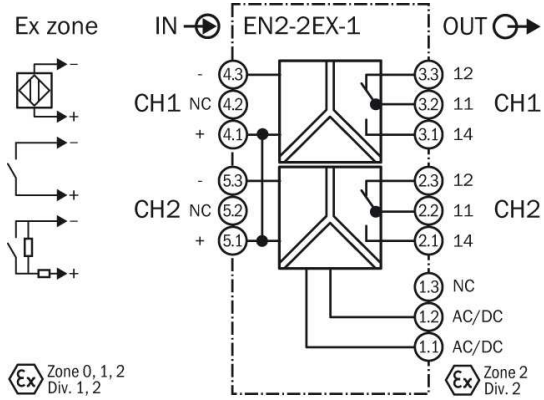
Ambient data

Enclosure rating:	IP 20
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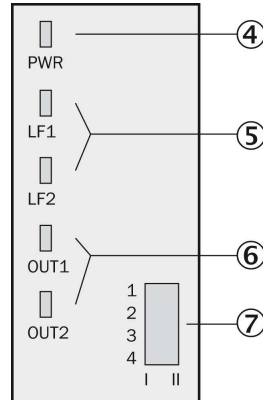
Dimensional drawing



Connection diagram



Adjustments



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