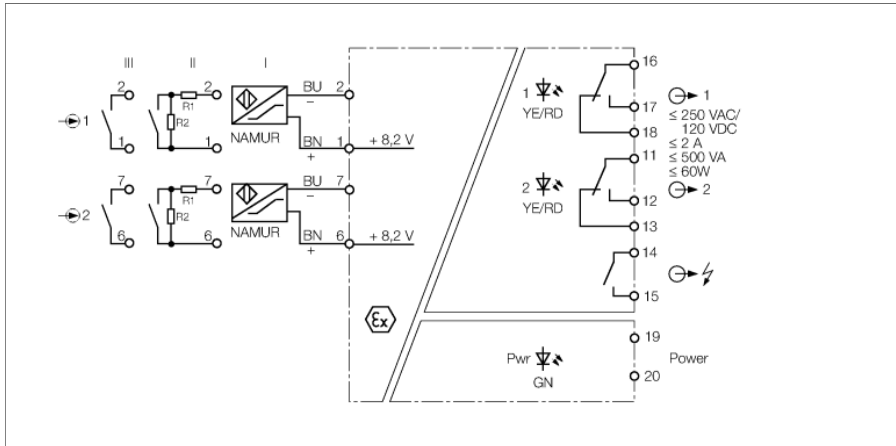


**Isolating switching amplifier  
2-channel  
IM1-231EX-R**

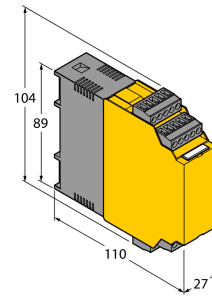


- ATEX, IECEx, TR CU, INMETRO
- Installation in zone 2
- 2 relay outputs (changeover)
- Output mode adjustable (NO/NC mode)
- Input circuits monitored for wire-break/short-circuit (ON/OFF switchable)
- Common alarm output
- Complete galvanic isolation
- Input reverse-polarity protected

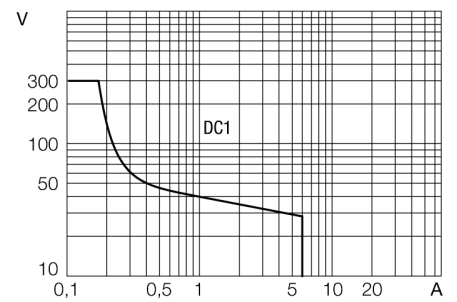
**Isolating switching amplifier  
2-channel  
IM1-231EX-R**

<b>Type designation</b>	IM1-231EX-R
Ident-No.	7541239
<b>Dimensions (W x L x H)</b>	27 x 104 x 110mm
Protection class	IP20

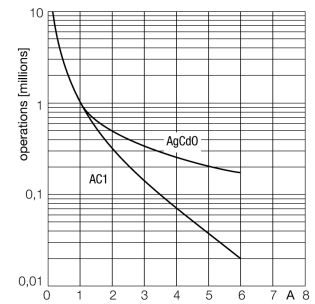
**Dimensions**



**Output relay – Load curve**

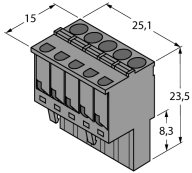


**Output relay – Electrical lifetime**



**Isolating switching amplifier  
2-channel  
IM1-231EX-R**

**Accessories**

Type code	Ident-No.	Description	
IM-CC-5X2BU/2BK	7504031	Cage clamp terminals for IM modules (Ex-devices with 27 mm overall width); includes: 2 pcs. 5-pin blue terminals and 2 pcs. 5-pin black terminals.	
WM1	0912101	The resistor module WM1 meets the requirements for line monitoring between a mechanical contact and a TURCK signal processor. The input circuit of the signal processor is designed for sensors acc. to EN60947-5-6 (NAMUR) and equipped with a wire-break and short-circuit monitoring function.	