-Amplifiers

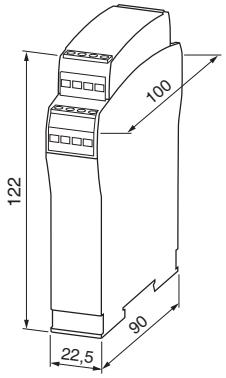
Gas [Ex ia Ga] IIC
Dust [Ex ia Da] IIIC

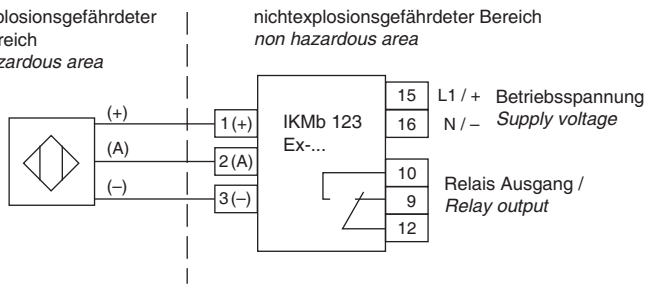
Cable break and short circuit monitoring

Connection to intrinsically safe 3-lead sensors

Output function programmable



Design	*IKMb 123 Ex...*		
Dimensions			
ID-No.	**P31451**	**P31453**	**P31452**
Type	IKMb 123 Ex-24	IKMb 123 Ex-115	IKMb 123 Ex-230
Output	relay / change over		
Ex area of use	outside of the hazardous areas (gas or dust)		
Certificate No.	EPS 17 ATEX 1 091		IECEx EPS 17.0047
Ex marking	Gas: II (1)G [Ex ia Ga] IIC Dust: II (1)D [Ex ia Da] IIIC		Gas: [Ex ia Ga] IIC Dust: [Ex ia Da] IIIC
Ambient temperature [°C]	−20 ≤ Ta ≤ +60		
Maximum values	Uo = 9.6 V / Io = 50.5 mA / Po = 121.3 mW / Co = 0.68 µF / Lo = 5.00 mH		
Rated voltage [V]	30 DC	127 AC	253 AC
Supply voltage [V]	24 DC ±10%	115 AC ±10%	230 AC ±10%
Switching voltage max. [V]	250 AC / 60 DC / 24 DC		
Switching current max. [A]	4 AC / 0,8 DC / 4 DC		
Switching power	cos φ >0,7 / L/R ≤ 200 ms / L/R ≤ 200 ms		
LED display	power: green / switching output: yellow / cable break: red		
Protection [EN 60529]	IP 20		
Connection	terminal screws		



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