-Amplifiers

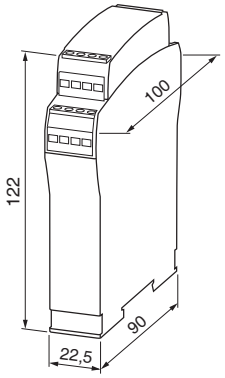
Gas [Ex ia Ga] IIC
Dust [Ex ia Da] IIIC

Cable break and short circuit monitoring

Connection to intrinsically safe 2-lead sensors

Output function programmable



Design	*IKMb 122 Ex...*		
Dimensions			
ID-No.	**P31418**	**P31420**	**P31419**
Type	IKMb 122 Ex-24	IKMb 122 Ex-115	IKMb 122 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: Ⓔx II (1)G [Ex ia Ga] IIC Dust: Ⓔx 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 = 10.1 mA / Po = 24.2 mW / Co = 0.84 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		

