Analysis devices for inductive Ex sensors | IKMb 123 Ex-230

- For the connection of intrinsically safe sensors
- For top hat rail mounting in a switch cabinet in a non-explosive area

230 VAC - relay / changeover



TYPE	IKMb 123 Ex-230
Product ID	P31452
Output	switching output
Output function	relay / change-over
Supply voltage	230 V AC +/- 10%
Switching voltage max.	250 V AC / 60 V DC / 24 V DC
Switching current max.	4 A AC / 0,8 A DC / 4 A DC
Switching Load	cos φ >0,7 / L/R ≤ 200 ms / L/R ≤ 200 ms
Rated voltage	253 VAC
ATEX Certificate	EPS 17 ATEX 1 091
IECEx Certificate	IECEx EPS 17.0047
ATEX marking gas	Ex II (1) G [Ex ia Ga] IIC
ATEX Marking dust	Ex II (1) D [Ex ia Da] IIIC
IECEx marking gas	[Ex ia Ga] IIC
IECEx marking dust	[Ex ia Da] IIIC
Maximum values	Uo = 9.6 V / Io = 50.5 mA / Po = 121.3 mW / Co = 0.68 µF / Lo = 5.00 mH
Ambient temperature	-20 °C ... 60 °C
Display	LED Power: green / switching output: yellow / cable break: red
Protection [EN 60529]	IP 20
Electrical connection	terminal screws

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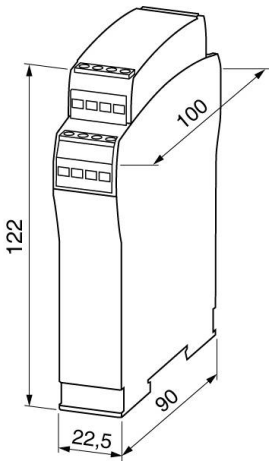
Note	area of use: only outside of the hazardous areas (gas or dust)

Technical Image



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