

- Amplifiers AC/DC • Relay

Series SZAb

II (1) G [Ex ia Ga] IIC
 II (1) D [Ex ia Da] IIIC

AC 230 V • AC 115 V
 DC 24 V
 Relay output

Cable break and short circuit monitoring
 Turn off delay



Design	SZAb 400 Ex...		
Dimensions			
ID-No.	P11400	P11399	P11398
Type	SZAb 400 Ex-WR230	SZAb 400 Ex-WR115	SZAb 400 Ex-GR
Output			
Supply voltage [V]	230 AC $\pm 10\%$	115 AC $\pm 10\%$	24 DC $\pm 15\%$
Ex marking	Gas: II (1) G [Ex ia Ga] IIC		Dust: II (1) D [Ex ia Da] IIIC
Certificate No.	EPS 19 ATEX 1 009		IECEx EPS 19.0001
Maximum values	U _o = 13.65 V I _o = 200 mA P _o = 683 mW IIC: C _o = 0.35 μ F; L _o = 1.1 mH IIB: C _o = 1.8 μ F; L _o = 6.2 mH IIA: C _o = 5.7 μ F; L _o = 11.0 mH		
Turn off delay [s]	0...25		
Output	relay / change-over		
Switching voltage [V]	250 AC / 60 DC / 24 DC		
Switching current [A]	4 AC / 0.8 DC / 4 DC		
Switching power	cos φ > 0,7 / L/R < 200 ms		
Ambient temperature [°C]	-20 \leq Ta \leq +60		
Protection [EN 60529]	IP 20		
Connection	terminal screws		
Note: The Ex-amplifier must be mounted outside hazardous areas (gas or dust).			