

Ex - Amplifier

Series SZA

Ex II (1) GD [Ex ia] IIC

AC 230 V • AC 115 V

DC 24 V

Relay output

Analog output

Cable break and short circuit monitoring

Turn off delay



| Design | SZA 400 Ex... | | | SZA 400 GA-Ex |
|--|---|-------------------|------------------|---|
| Dimensions | | | | |
| ID-No. | P10706 | P10707 | P10708 | P11257 |
| Type | SZA 400 Ex-230 | SZA 400 Ex-115 | SZA 400 Ex-24 | SZA 400 GA-Ex |
| Output | Relay | Relay | Relay | 4...20 mA |
| Supply voltage [V] | 230 AC $\pm 10\%$ | 115 AC $\pm 10\%$ | 24 DC $\pm 15\%$ | 24 DC $\pm 15\%$ |
| Ex marking | II (1) GD [Ex ia] IIC | | | II (1) GD [Ex ia] IIC |
| Certificate No. | TÜV 96 ATEX 1097 | | | TÜV 02 ATEX 1821 |
| Maximum values | $U_o = 12.6 \text{ V}$ $I_o = 200 \text{ mA}$ $R_i = 68.5 \Omega$ | | | $U_o = 13.65 \text{ V}$ $I_o = 200 \text{ mA}$ $P_o = 690 \text{ mW}$ |
| External capacitance | 170 nF | | | 170 nF |
| External inductance | 0.5 mH | | | 0.5 mH |
| Turn off delay [s] | 0...25 | | | - |
| Output | relay / change-over | | | analog |
| Switching voltage [V] | 250 AC / 60 DC | | | - |
| Switching current [A] | 4 AC / 0.5 DC | | | - |
| Switching power | $\cos \varphi > 0.7 / L/R < 200 \text{ ms}$ | | | - |
| Current output [mA] | - | | | 4...20 DC |
| Load resistance R_L [Ω] | - | | | 200...500 |
| Ambient temperature [$^{\circ}\text{C}$] | -20...+60 | | | |
| Protection [EN 60529] | terminal IP 20 / housing IP 40 | | | |
| Connection | terminal screws | | | |

