



BSA 230VAC

Electronic Control Systems:Switching Amplifier

Product description

Type	Basic Switching Amplifier
Description	For Supervising Load Depending Parameters
Product description	When analogue signals from either one or two sensors have to be detected and supervised, the KRÜGER Basic Switching Amplifier (BSA), with its powerful microcontroller, accuracy, its respect to safety and with a moderate price, is the best choice. Either one or two inputs, with voltage or current signals, which can be set to any range, will allow the choice of different sensors. Furthermore a passive sensor can be used with the BSA due to an internally fitted preamplifier. A maximum of 3 limit switch-points can be set by trimmers, these are connected to three individual, voltage free change over contacts. Relay functions, such as switching delay and hysteresis can be easily set up by dip switches. The installation can be made by using only a screwdriver and a multimeter.
Construction type	aluminium housing
Order No.	531021 (230 VAC version)

Technical data

Operating voltage	optional 12 VDC, 24 VDC; 48 VDC, 115 VAC, 230 VAC
Current consumption	approx. 220 mA (DC secondary)
Display type	optional
Inputs	Standard: 1 analogue input (2,5...7,5VDC / 4...20mA) for sensors with integrated amplifiers OR 1 analogue input (0,6...2mV/V) for sensors w/o integrated amplifiers Alternative: 2 analogue inputs (2,5...7,5VDC / 4...20mA) for sensors with integrated amplifiers for signal-summation
Outputs	inputs scaleable by trimmers Standard: 1 x analogue Alternativ: 2 x analogue 1 x analogue sum-output max. 3 relay outputs, potential free
Type of termination	Terminals

Environmental conditions

Operating temperature	-25 ... +70°C
Storage temperature	-30 ... +75°C
Degree of protection (IP)	IP 65