

Contact Protection Relais

AD-KI 100 GB
AD-KI 100 GS

Description:

The contact protection relay (switching amplifier, pulse former) is mainly being used for the protection of weak transmitter contacts and for the amplification of binary transmitter signals. At the same time it converts the processed input signals into output impulses with a constant and adjustable length. Typical input signals are Reed contacts signal transmitter after NAMUR (Din 19234), TTL-level, voltage signals or resistance variations. The output is provided with a high loading capacity and potential free contacts. The optionally available wear off free transistor outputs are also isolated galvanically over opto-coupling.



Application:

Pulse absorption of water meters or flow watchers for flow counting. Amplification and contact protection of weak transmitter signals (Reed contacts, limit switches, etc.)

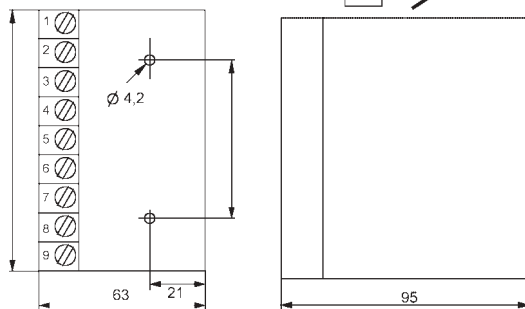
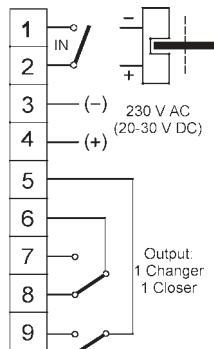
Technical data:

Power supply(*):	GS: ALLPOWER 20-253VAC/DC GB: 230 VAC or 20-30 V DC (internal electrically insulated)
Power consumption:	ca. 2,5 VA or 2 W
Inputs:	NAMUR (DIN 19234) or contact other optional or on request
Input contact time:	min. 2 ms; max. permanent contact
Outputs:	floating contact construction type GB: 1 shoter +1 changer construction type GS: 2 changers status indicator over LED
Output contact time:	Optional: transistoroutput adjustable 0,2 -10 Sec. (standard) adjusted to 0,5 sec. other setting ranges are possible (until 100s)
Switching capacity:	relay: 250 V/ 2A/ 100 VA transistor: 30V/50 mA/1,5 W
Protection:	Input: against over voltage Power pack: against over voltage, over load, over temperature
Ambient temperature:	-10 to +50 °C

(*) = values must be advice

Connections and dimensions

AD-KI 100 GB
weight ca. 420 g
protection IP 30



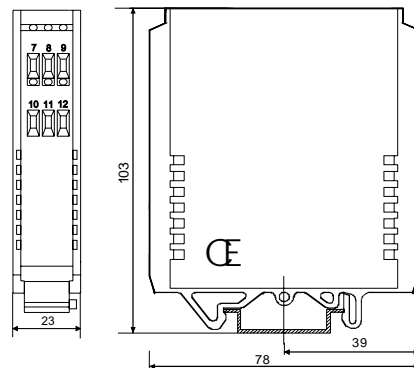
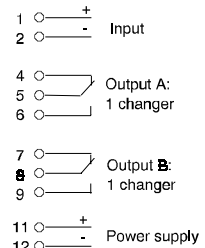
Connection AD-KI 100 GS

weight max. 200 g
protection IP 20

Manner of fastening
attachment rail NS 35/7,5

Connection data:

fine-wire 2,5 mm²
single-wire 4 mm²
voltage 250 V AC



Printed 05/03. We reserve the right for technical changes