

Contact Protection Relais

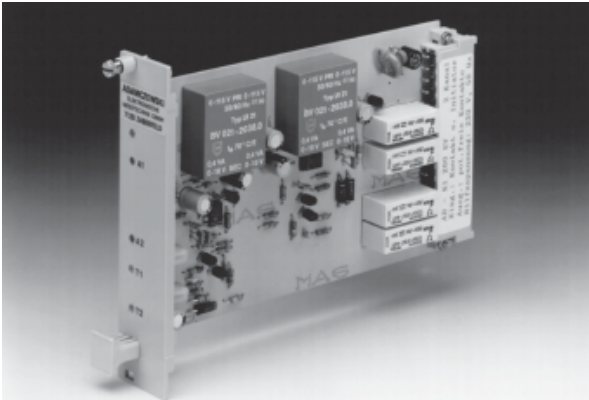
AD-KI 100 EV
AD-KI 200 EV

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-lever, 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:

construction types(*): 1-channel = AD-KI 100 EV
2-channels= AD-KI 200 EV

Power supply (*): 230 V 50-60 HZ +/- 10%
20-30 V DC (intern galv. isolated)
others on request

Power consumption: ca. 3,2/6,4 VA or 1,2/2,4 W

Inputs: NAMUR (DIN19234) or contact
others optional or on request

Input contact time: min. 2 ms; max. permanent contact
Outputs: floating contact
channel 1: 1 shoter + 1 changer
channel 1: 2 changer
status indicator over LED
optional: transistor output

Output contact time: adjustable per channel 0,2-10 sec.
(standard)
adjusted to 0,5 sec.; other setting
ranges are possible (until 100 s)

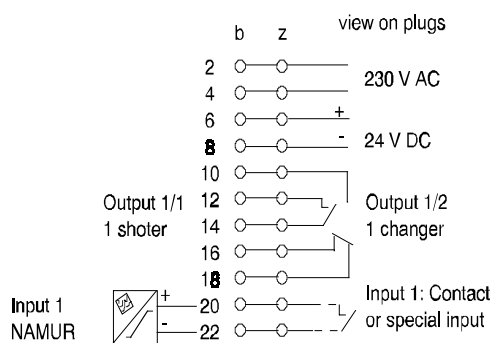
Switching capacity: relay: 250 V/2A/100 VA
transistor: 30V/50 mA/1,5 W

Protection: Input: against over voltage
power pack: against over voltage
over load; over temperature

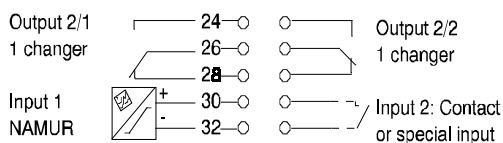
Ambient temperature: -10 to +50°C

(*) = values must be advised by order!

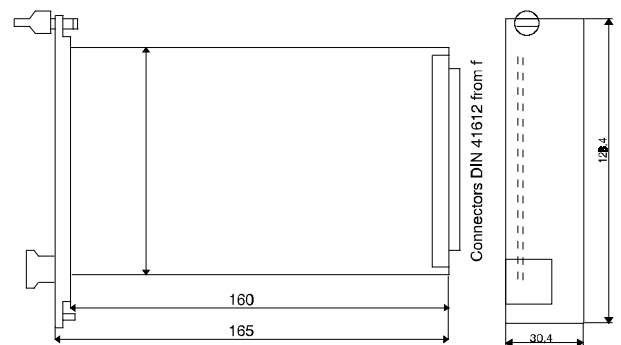
Connections: AD-KI 100/200 EV



Only for AD-KI 200 EV!



Connections and dimensions AD-KI 100/200 EV



Printed 09/94. We reserve the right for technical changes