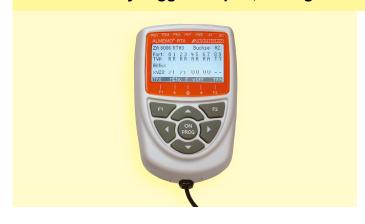
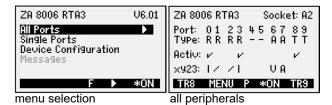
ALMEMO® relay trigger adapter, analog ZA 8006 RTA3 for connecting to ALMEMO® devices



- Universal trigger output interface for connecting to output sockets on ALMEMO® devices - from version V6 up (not 2390, 8390). device firmware update may be needed.
- Up to 10 peripheral elements (relays, trigger inputs, analog outputs) each with individually configurable function
- Relay functions, total alarm, assignment to particular limit values, or addressing via interface
- Integrated alarm signaling device can be assigned to all relay functions.
- Inverse relay addressing for alarm in the event of power failure
- Programmable messages to be issued when relays are activated
- Comprehensive trigger features with the aid of command macros, addressing via 2 keys or electrical signals
- Either 2 or 4 analog outputs (10 V or 20 mA) can be assigned to any measuring channels, scalable sub-areas, or alternatively addressing via interface.
- Analog output type 10 V or 20 mA (programmable)
- All programming and peripheral states shown on illuminated graphics display
- Keypad for selecting menu and port
- Watchdog function in the event of a failure of ALMEMO®



8 RTA3 Socket: A2) Adr: 20 Normally open, 0.5A Messages: 2 Port: 0 3 ZA 8006 RTA3 Port: 0 Relay: -8: external steered inv State: active Contact: x2-x3 oPen TR8 MENU P *ON TR9 relais messages

Furnace overheated Tel: 08024-3007-99 *ON

ZA 8006 RTA3 Socket: A2 Port: 8 Adr: 28 Trigger: Key + Optokoppler 0: Start-Stop State: inactive Connection: $\times 3: - \times 2: +$ TR8 MENU P *ON TR9

ZA 8006 RTA3 Socket: A2 Adr: 26 0-10 V M01 AnalogoutPut: int. assigned Analogue value: 3.4560 U Connection: $\times 3: - \times 2: +$ TR8 MENU P *ON TR9

trigger inputs

analog outputs

device or computer addressing

- Connection of peripherals via ALMEMO[®] clamp connectors, cable with anti-kink protective sleeve and strain relief
- Power supply via the ALMEMO® device; in case of the analog output option a mains adapter may also be required.
- Modern, compact housing also suitable for DIN top-hat rail mounting

On request: ALMEMO® output interface ZA8006RTA4 for connection to the PC (directly or via network).

Technical Data

Trigger inputs	Optocoupler, 4 to 30 V, Ri > 3 kohms
Relay	Semiconductor relay 50 V, 0.5 A, 1 ohms
Analog outputs	10 V or 20 mA (programmable)
	16-bit DAC, electrically isolated
0.0 to $10.0~\mathrm{V}$	0.5m V / digit, Load > 100 kohms
0.0 to 20.0mA	1 μA / digit, Load <500 ohms
Accuracy	$\pm~0.1\%$ of meas. val. $\pm0.1\%$ of final val.
Temperature drift	10 ppm / K

via ALMEMO® device Power supply or mains adapter ZA1312NA12 (recommended for analog output option) approx. 10 mA, Lighting approx. 15 mA Current consumption (with 9V supply) 2 analog outputs approx. 30 mA + 1.6 I_0 Graphics 128 x 64 (55 x 30 mm) Display Lighting 2 white LEDs 7 silicone keys (4 soft-keys) Keypad Housing 127 x 83 x 42 mm (LxWxH) ABS (maximum 70°C), 290 g

Basic version 2 trigger inputs and 4 normally open relays **Options** 2 additional relays (normally open) OA8006SH2 Per normally open pair 2 additional normally closed relays (with normally open relays 2 changeover relays) OA8006OH2 2 analog outputs (common ground), electrically isolated OA8006R02 10 V or 20 mA (programmable)

Possible combinations

1x OA8006SH2 (+2 relays) or 1x OA8006SH2 (+2 relays) + 1x OA8006R02 (+2 analog outputs) or 2 x OA800R0H2 (+4 analog outputs)

Accessories

Mains unit, 12 V, 1.5 A ZA1312NA12 **ZB2490HS** DIN tophat rail mounting

Variants Order no.

ALMEMO® relay trigger adapter with 2 trigger inputs, 4 normally open relays, DC socket, graphics display, and keypad, including 1.5-meter ALMEMO® connecting cable and 3 ALMEMO® clamp connectors

ZA8006RTA3