

Relay for MAXIMAT MAXIMAT CST



SAFETY PRECAUTIONS

- Installation, commissioning and maintenance may only be performed by qualified personnel!
- Only connect the unit to the voltage specified in the technical data or on the type plate!
- Disconnect the unit from the power supply during installation/maintenance work!
- Only operate the unit under the conditions defined in the operating instructions!

DESCRIPTION

The MAXIMAT CST supply isolator is used as a power supply and relay output device for the MAXIMAT C... and CAPSYTRON series. The built-in potential-free changeover contacts can be used for signaling, control or actuating devices.

TECHNICAL DATA

Power Supply	230V AC, $\pm 10\%$, 50...60Hz
Note	The appliance may only be operated in a fused circuit.
Power consumption	3W
Ambient temperature	-20...+60°C
Housing	IP40, 22.5x75x110mm, for DIN top head rail 35x7,5mm, DIN EN 50 022
Note	Protection against contact according to DIN EN 61010-1 is only guaranteed when installed in a closed control cabinet/housing with at least protection class IP54!
Terminals	Screw terminal, wire cross-section max. 2.5mm ²
Relay output	potential-free 2-way changeover contact max. 250V AC / 115V DC; max. 500VA; switching current max. 3A AC; 0.5A DC; min. load 10mA at 5V DC
Note	The contacts are not protected against overload, provide an external protective device!
Measuring circuit	max. 300m, min. wire cross-section 0.5mm ²

CE mark: The appliance fulfils the legal requirements of the applicable EU directives.

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Relay for MAXIMAT
MAXIMAT CST

22-05-2024

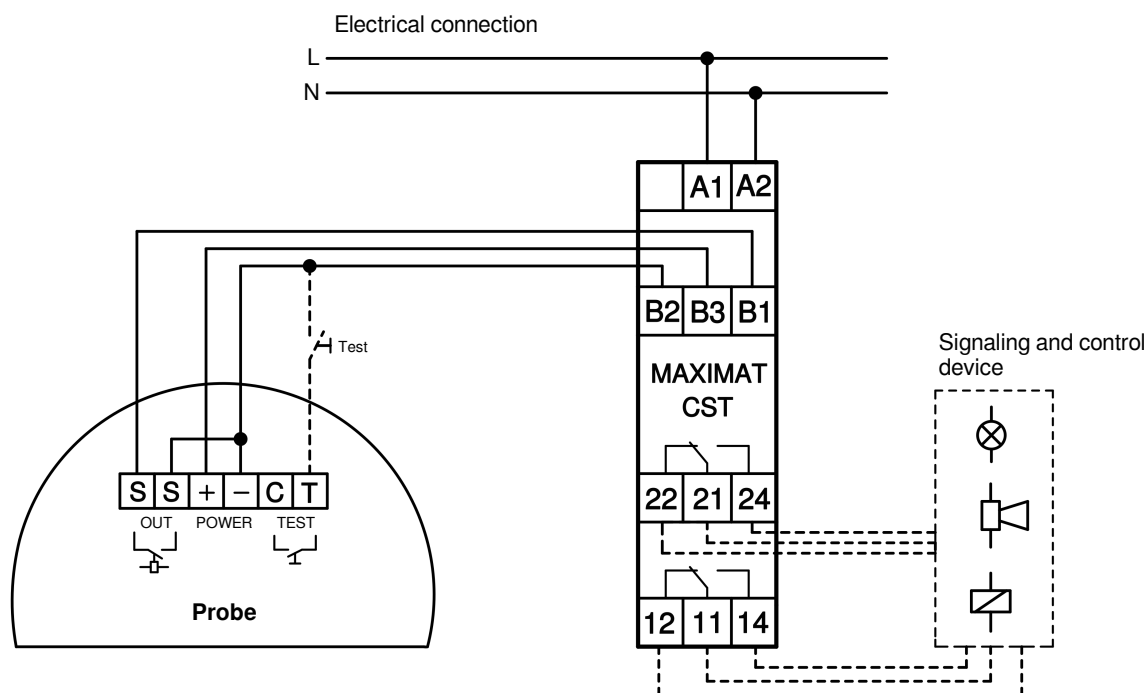
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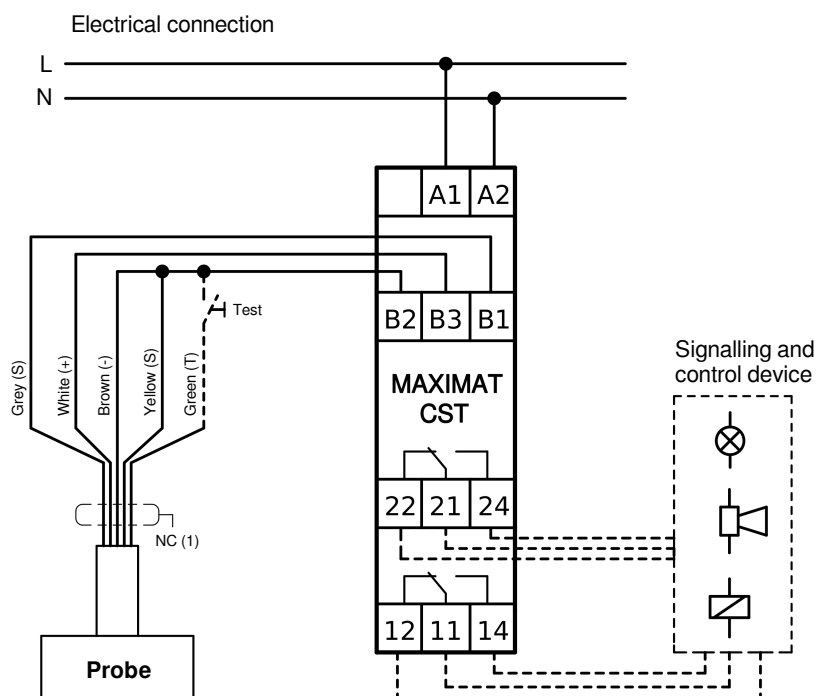
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ELECTRICAL CONNECTION

Probes with connecting head



Probes without connecting head



SELF MONITORING

The device operates according to the closed-circuit current principle. In the event of defects in the probe, the measuring line or the measuring transducer, the output relay drops out and triggers an alarm signal.

SIGNALLING / CONTACT POSITION RELAY OUTPUTS

Operating status	LED green	LED red	Relay	Changeover contact
No alarm	on	off	energized	11-14 and 21-24 closed
Alarm, malfunction	on	on	de-energised	11-12 and 21-22 closed

On start-up, the relay briefly switches to alarm

TROUBLESHOOTING

Operation LED (green) is not on: - Supply voltage is not applied
- Device defective

MAINTENANCE

When used as intended, the unit operates maintenance-free.



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