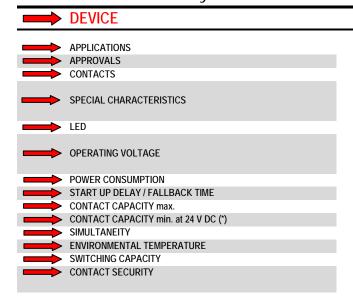




Two hand control relays

Druck 10.03.2016



OPERATING MODE

CONNECTION DIAGRAM

(*) We offer all devices who have a CONTACT CAPACITY of min. 100 mA at 24 V DC with hard gold-plated contacts. In this way the CONTACT CAPACITY of min. 100 mA is only 4 mA. Please ask our sales team!

SAFE Z.2

Two hand control relay for type I-III c CE, TÜV, UL, C-UL

2 normally open safety, 1 normally auxiliary closed, 1 PLC-output LED indicators for status and supply diagnostic

Two hand control relay according ZH 1 / 456 and DIN EN 574

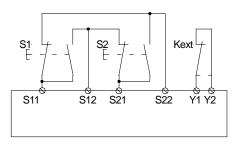
Power, channel 1 and channel 2 24 V AC / DC (electronic fuse) 48, 115, 230 V AC (with galvanic disconnection / transformer)

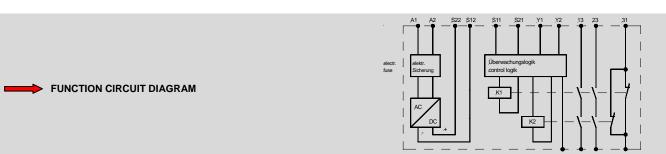
ca. 2 VA <50 ms / <25 ms 6 A, 250 V AC, 24 V DC 6 mA Simultaneous: 0,5 s - 25 °C to + 55 °C 1500 VA (resistive load) 6,3 A quick acting or 4 A time lag

After supply voltage was applied to terminals A1 and A2, the SAFE Z will be ready for operation. The power LED illuminates. If the button S1 is pressed and within 0,5 sec. the button S2 also pressed, the outputs 13-14, 23-24 are closed and 31-32 will be opened. The machine will be started. The PLC-output (34) is connected with 24 V supply voltage. If one or both buttons are released, the outputs 13-14 and 23-24 open immediately. The output 31-32 closes. Only after releasing of both buttons S1 and S2, a new cycle can be started. If the time for pressing the buttons S1 and S2 will be longer than 0,5 sec., the outputs were not released. The outputs 13-14 and 23-24 keep open. The machine cannot be started. On the terminals Y1 and Y2 machine release circuit (repeating contactor control) or a bridge can be connected.

For version with detachable clamps (screw - or cage clamps) ... please ask our sales team!

Still available: RS-NAGZ with an additionally auxiliary contact. For further information please see the manual or www.automation-safety.com





Certifications according to Safety relevant substance data Depending on wiring (only max. achievable values are given)

EN ISO 13849-1: PLe, Cat. 4 MTTFd: 36,45 years / high, DC: 99% / high, CCF: achieved