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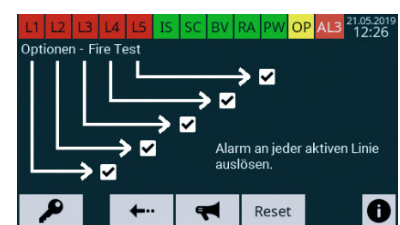
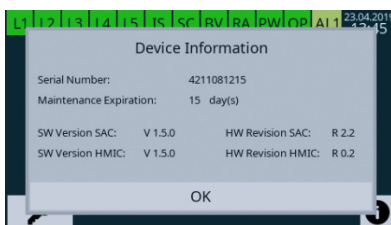


Fire Control BA 400

DIN EN ISO 19353 und DIN EN ISO13849 compliant

The new development for high reliable extinguishing systems!

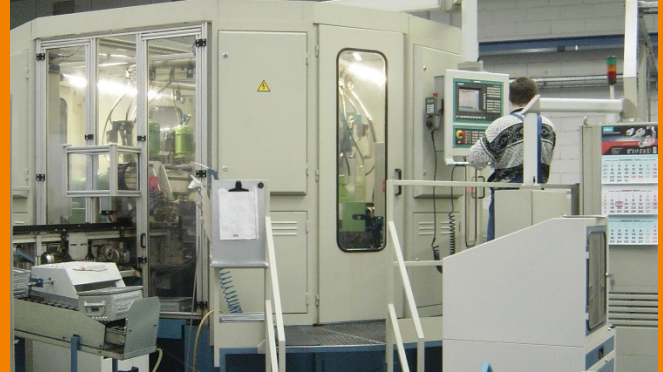
- Compliant with the requirements of standards DIN EN ISO 19353 und DIN EN 13849
- Fulfillment of all security functions according to DIN EN ISO 19353, Annex D
- EU-Type examination No. IFA 2103001
- LCD Touch Display
- Display navigation in any language
- Guided commissioning and function test
- Integrated electronic monitoring of extinguishing agent for standard bottles
- Event log of all messages and statuses
- Access protection by code
- 8 safety-related relay output signals
- 2 free configurable output signals
- 5 detector lines



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Important Standards and Regulations

- ISO 19353 Safety of machinery – Fire prevention and protection
- ISO 13849 Safety of machinery – Safety-related parts of control systems — Part 1 and 2.
- IEC 61000-6-7 Electromagnetic compatibility (EMC) Part 6-7: Generic - Immunity requirements for equipment intended to perform functions in a safety-related system (functional safety) in industrial locations
- DIN 14497 Kleinlöschanlagen – (Small extinguishing systems)
- DGUV-Information FB HM-087; 2018 (German) Interface: tool-machine/ extinguishing system. Fulfilment of all „Safety-functions“ and „Performance Levels“ according to the requirements of the “Employer’s liability insurance Institution”
- BGI/GUV-I 719 E; March 2012 (English) Machine Tool - Fire and Explosion Prevention and Protection! Available from German “Accident insurance Institution”
- CE-mark and declaration of conformity

Basic Information

- English and German as standard, other languages (incl. Chinese) optional
- Operation via touch panel
- Configuration via Touch Panel for authorized users
- Access protection by code
- Log of all events and conditions of the control unit
- Dimensions (HxWxD): 257 x 217 x 122 mm
- Protection standard: IP 65
- Battery-buffering in case of power failure
- Mains line input voltage between 85 - 264 VAC and 47/63 Hz

Input signals

- Monitored detector lines: 8
- Line 1 und 2: Detector lines for connection of automatic detectors in limit value technology. Plus, an additional line for self-monitoring of each detector.
- Line 3 und 4: Direct connection for temperature sensors Type TMME100
- Line 5: Manual detectors in limit value technology
- Line 6: Loss detector (Limit switch or electronic weighing)
- Line 7: Release of the system: PLr=d, 2 channels (Example: Door monitoring)
- Line 8: Position monitoring of the blocking device

Output signals

- 2 separately monitored output signals for extinguishing 24 V/1,6A
- Acoustic warning device
- Optical warning device
- Relay output signals: 10 (24V/1A)
- Advance warning: 2x switch for safety-related shutdown of the monitored Object in case of fire, PLr=d
- Alarm: 2x switch
- Fault: 1x switch, PLr=b
- Operational: 1x switch, PLr=b
- Shutdown dust suction 1x switch, PLr=b
- Alarmierung BMZ: 1x switch, PLr=b
- Free configurable outputs: 2x