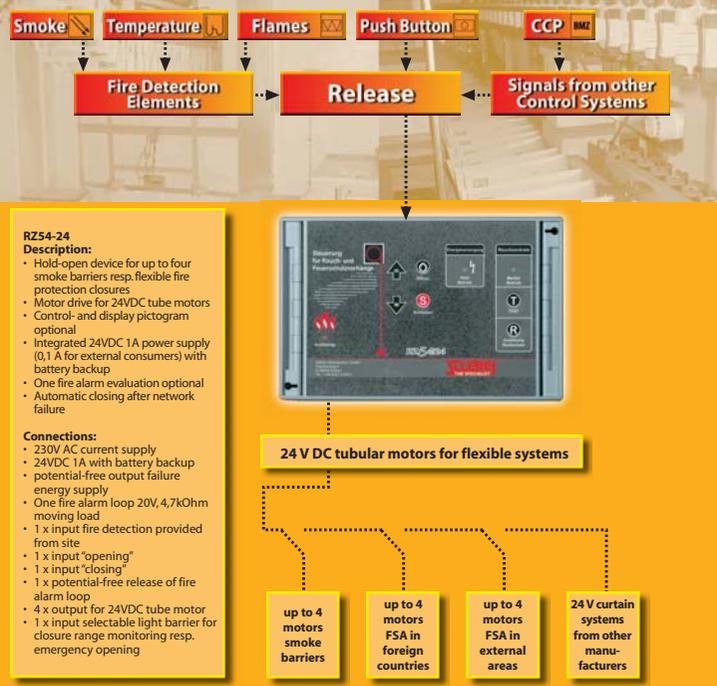


**Other control units RZ54**



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Portugal  
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Slovakia/Czechia  
Ukraine
- More informations (CD or Internet)**
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# Control units

Hold open devices, Control-, Emergency Power Supply Units

- Smoke barriers
- Smoke protection closures
- Textile fire protection closures
- Conveyor system closures
- Tube sealings
- Fire protection stacking doors
- Fire protection high-speed doors
- Control units



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THE SPECIALIST

Smoke Temperature Flames Push Button CCP

### Control systems

Control systems for automatic fire protection systems are necessary. They are safety-relevant, as without their function or in case of malfunction, the whole investment of a fire protection closure would be void. As the surrounding systems are often highly complex – fire detection, clearing of a fire protection closure with FPC, the interaction with other control systems, the demands on these control systems are high. They have to fulfill the requirements of different testing standards and must prove their suitability via test certificates or approvals by general building control authorities (pdf-Download on [www.stoebich.de](http://www.stoebich.de))

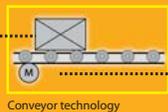
### Emergency power supplies



<b>Emergency power supply unit provided from site:</b> one permanent network (USV) with emergency power backup or 2 <sup>nd</sup> network operational-/emergency power network	<b>USV emergency power supply unit 400V-AC</b> USV-emergency power supply unit system Stöbich for a limited area or conveyor technology (permanent supply)	<b>Emergency power generation 400V-AC</b> Power generation by battery/frequency converter or USV/frequency converter (cyclic supply on demand)
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<b>Description:</b> • Via CANopen-bus netted hold-open device • Two independent fire detector evaluations • Central control- and plain text indication pictogram, connected via CANopen • 24VDC 4A power supply (3,5A for connected consumers) with battery power supply <b>Connections:</b> • 230V AC current supply • 24VDC 3,5A with battery backup • CANopen connection • Potential-free output failure energy supply • Two fire alarm loops 20V, 4,7kOhm moving load • 2x input for the fire alarm signals provided from site • 2x potential-free release of fire alarm loop • 4x potential outputs for release	<b>Description:</b> • Via CANopen bus netted hold-open device • Central control- and plain text indication pictogram, connected via CANopen • 24VDC 4A power supply (3,5A for connected consumers) with battery power supply <b>Connections:</b> • 230V AC current supply • 24VDC 3,5A with battery backup • CANopen connection • Potential-free output failure energy supply	<b>Description:</b> • Via CANopen bus netted hold-open device for one flexible smoke resp. fire protection closure • Supply by RZ7 NT • Control- and display pictogram • Motor drive for 230V "gravigen" tubular motor <b>Connections:</b> • CANopen connection • 1x potential output for release • 1x potential-free output for release, open, closed, failure • 2x output for holding-brake with different time functions • 2x limit switch inputs open, close • 1x manual release • 1x light barrier for the closure range monitoring • 1x emergency opening	<b>Description:</b> • Via CANopen bus netted hold-open device for one fire protection closure • Supply by RZ7 NT • Control- and display pictogram • Optional motor drive <b>Connections:</b> • CANopen connection • 1x potential output for release • 3x potential-free outputs for release, open, closed, failure • 2x output for holding-brake with different time and holding functions • 6x inputs for limit switch, light barriers • 1x manual release	<b>Description:</b> • Two independent fire detector evaluations • Control- and display pictogram • 24VDC 4A power supply (3,5A for connected consumers) with battery power supply <b>Connections:</b> • 230V AC current supply • 24VDC 3,5A with battery backup • potential-free output failure energy supply • Two fire alarm loops 20V, 4,7kOhm moving load • 2x input fire alarm provided from site • 2x potential-free release of fire alarm loop • 4x potential outputs for release	<b>Description:</b> • Hold-open device for one fire protection closure • Supply by RZ3 • Control- and display pictogram • Optional motor drive <b>Connections:</b> • 1x potential output for release • 1x output potential-free failure • 1x output potential-free safety lock • 3x output for holding-magnet with different time functions • 3x limit switch inputs • 2x manual release • 2x light barrier for closure range monitoring	<b>Description:</b> • Hold-open device for one fire protection closure • integrated 24VDC power supply with 1,5A battery power supply • one fire detector evaluation • Control- and display pictogram • Optional motor drive <b>Connections:</b> • 230V AC current supply • 24VDC 1,5A with battery backup • potential-free output failure energy supply • one fire alarm loop 20V, 4,7kOhm moving load • 1x input fire alarm provided from site • 1x potential-free release of fire alarm loop • 1x output potential-free release • 1x output potential-free failure • 1x output potential-free safety lock • 3x output for holding-magnet with different time functions • 3x limit switch inputs • 2x manual release • 2x light barrier for closure range monitoring	<b>Description:</b> • power supply unit • integrated release unit • for hold open devices • 24V DC 0,9A • IP 65 casing • Control- and display pictogram • Audio-visual indication • Fire alarm evaluation • Ex-detector and Ex-locking mechanisms connections (Ex = explosion-proof) <b>Connections:</b> • Universal input 85...265 VAC • Fire alarm loop • 24V DC hold open devices • Push button or potential-free release • Smoke switch • 24V DC supply (total current 0,9A) • Potential-free fire alarm contact
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<b>Description:</b> • a) power supply by a network with permanent emergency power backup • b) power supply by normal and emergency power network; in case of failure of the emergency power network, operation with accumulator backup during the change-over period (e.g. starting time of the emergency unit) • Creation of a free closing range • Sequential drive of conveyor system motors resp. groups	<b>Description:</b> • emergency power supply from 3-phase 400V USV unit • clearing drive for the creation of a free closing range • sequential drive of conveyor system motors resp. groups	<b>Description:</b> • a) emergency power generation from 230V USV unit by means of frequency converter • b) emergency power generation from 312VDC battery set by means of frequency converter • clearance control for the creation of a free closure range • sequential drive of conveyor system motors resp. groups
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Conveyor technology