

When it gets hot ...

innovative and reliable prevention

## The hold open system RZ-24-FA



Energy supply

Release device  
for hold open systems

For smoke and  
heat detectors

For Ex smoke and heat detectors,  
Ex hold open devices

## **Control Units and Accessories**

### **Control unit RZ-24**

The Protronic control unit RZ-24 is part of the technically approved hold open system RZ-24-FA.

The power supply unit, release device and, depending on the type, the manual release for the hold-open system are integrated in the housing.

Characteristics:

- Fire detection with low-cost smoke detectors, smoke switches from a wide range of well-known manufacturers.
- hold open device: hold open magnets, shutting-speed regulators, door closers and magnet brakes of a wide range of manufacturers
- display and operation via membrane keypad
- integrated horn for acoustic signalling, acknowledgement on the operating foil
- wide-range mains input
- low energy consumption
- components for ex-areas
- optional mains bridging with Powerpac up to 12 min
- potential-free signal transmission
- fulfills the requirements according to DIN 14637
- certified according to guidelines of DIBt
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428

Technical specifications:

- input voltage: 85V AC-265V AC 50/60 Hz
- power consumption: ca. 30 W
- output voltage: 24V+2%/-2%
- output current: max. 0,9 A
- ambient temperature: min.-25°C...+40°C
- line voltage of fire alarm loop:  $U_{lin}=20,5...21,4$

Housing: protection IP64 / IP65:

- cable gland in scope of supply
- cable input: 4x thread M16
- via fire detection loop or smoke switches
- potential-free contact from central fire alarm system
- manual release pushbutton
- functional test with button "Close door"
- reset with button "Reset"
- horn acknowledgement via white button
- status display:
  - green = no release,
  - red = release
- potential-free contact for signalling of release:
  - 8A/250V-/AC1,
  - Relay off = release

**description**

**article**



hold open system control unit RZ-24 neutral  
with manual release pushbutton and reset adapter

1006000061

- System 3 in 1: power supply + release device for hold open device + manual release button and reset adapter
- Extended ribbon cable for cable input from the top
- Key "close door" can be used for test
- Key for reset
- Integrated horn
- **automatic reset after power failure**
- 24 V / max. 0,9A
- Operation via membrane keypad and operation status display
- Potential free fire alarm contact
- Measures HxWxD ca. 124x122x55 mm
- Protection IP64
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428



hold open system control unit RZ-24 neutral  
with manual release pushbutton and reset adapter

1006000087

- System 3 in 1: power supply + release device + release push button for hold open device and reset adapter
- Extended ribbon cable for cable input from the top
- Key "close door" can be used for test
- Key for reset
- Integrated horn
- **automatic reset after fire alarm and power failure**
- 24 V / max. 0,9A
- Operation via membrane keypad and operation status display
- Potential free fire alarm contact
- Measures HxWxD ca. 124x122x55 mm
- Protection IP64
- General construction technique permit Z-6.500-2436 National technical approval Z-6.510-2428

**description**

**article**



hold open system control unit RZ-24 neutral  
release pushbutton, adapter, 230V connection cable

1006000082

- System 3 in 1: power supply + release device + release push button for hold open device and reset adapter
- Extended ribbon cable for cable input from the top
- 1,5 m cable with 230V with SCHUKO plug
- Key for reset
- Integrated horn
- **automatic reset after power failure**
- 24 V / max. 0,9A
- Operation via membrane keypad and operation status display
- Potential free fire alarm contact
- Measures HxWxD ca. 124x122x55 mm
- Protection IP64
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428



RZ24+MR+heating + trans. Cover + lock, BCD200  
for deep-freeze areas

1006000069

- System 2 in 1: power supply + release device for hold open device
- Keys for test and reset, operation status display
- Integrated horn
- 24 V / max. 0,9A
- Potential free fire alarm contact
- large housing with lockable transparent cover, **protection IP64**
- measures WxHxD ca. 235x173x106 mm
- suitable for integration of further components
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428



hold open system control unit RZ-24  
with transparent cover, BCD 160

1006000053

- System 2 in 1: power supply + release device for hold open device
- Keys for test and reset, operation status display
- Integrated horn
- 24 V / max. 0,9A
- Potential free fire alarm contact
- large housing with lockable transparent cover, protection IP65
- measures WxHxD ca. 195x173x106 mm
- suitable for integration of further components
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428



**description**

**article**



hold open system control unit RZ-24  
with manual release push button, TG ABS 2015-9-o

1006000047

- System 3 in 1: power supply + release device + release push button for hold open device
- Key "close door" can be used for test
- Key for reset
- Integrated horn
- 24 V / max. 0,9A
- Operation via membrane keypad and operation status display
- Potential free fire alarm contact
- large housing, measures WxHxD ca. 202x152x90 mm
- Protection IP64
- suitable for integration of further components
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428



Hold open system RZ-24-05, flush-mounted  
without housing / switch frames

1006000017

- power supply + release device for hold open device RZ-24-05
- power supply unit 24 V / 0,5 A
- fire alarm loop
- membrane keypad with signalling, release und reset, fault display via LED
- connection of an optional Powerpack
- for cover frames with the measures: 55 x 55 mm
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2435



Hold open system RZ-24-05  
Set-surface-mounting

1006000025

- RZ-24-05 for installation in surface-mounting-box
- power supply 24 V / 0,5 A
- fire alarm loop
- membrane keypad with signalling, release und reset, fault display via LED
- Connection of an optional Powerpac
- for cover frames with the measures: 55 x 55 mm
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2435



frame for flush installation hold open system  
RZ-24-05

1303000017

- 1-gang frame Jung AS581WW in alpine white
- for horizontal and vertical mounting

**description**

**article**



frame with transparent cover for RZ-24-05  
for flush installation

- cover frame Merten Aquadesign, 1-gang, polar white
- spacer ring with transparent hinged cover
- enhanced contact protection, prevents from inadvertent operation of the hold open system
- IP44

1303000030



extraction tool for miniature terminals  
SMDflat WKZ

- for the comfortable extraction of mini terminals on the RZ-24-05
- prevents damages to terminals and connectors

0912000002



hold open system control unit RZ-24  
for control cabinet installation

- power supply + relase device for hold open device
- foil for membrane keypad seperatly included + 3,5m
- Keys for test and reset
- Integrated horn
- 24 V / max. 0,9A
- Operation with membrane keypad, operation system status display
- Potential free fire alarm contact
- consists of membrane keypad foil (optionaly with own company logo), control unit RZ-24, keypad cable
- 85V AC-265V AC 50/60 Hz
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428

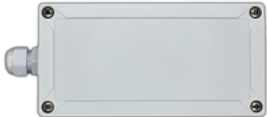

1006000030



hold open system control unit RZ-24 neutral  
TG ABS 2516-12-o + coupling relay 2W10A

- System 2 in 1: power supply + relase device for hold open device
- Keys for test and reset
- Integrated horn
- 24 V / max. 0,9A
- Operation with membrane keypad, operation system status display
- Potential free fire alarm contact
- large housing, Measures WxHxD ca. 252 x 162 x 120 mm
- Protection IP64
- suitable for integration of further components
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428

1006000055

description	article
<p>RZ-24+A-EX, Bocube B273616 ABS-7035</p> <ul style="list-style-type: none"> <li>• System 3 in 1: power supply + release device for hold open device + manual release button</li> <li>• including Ex-safety barrier</li> <li>• Key "close door" can be used for test</li> <li>• Key for reset</li> <li>• Integrated horn</li> <li>• 24 V / max. 0,9A</li> <li>• Operation via membrane keypad and operation status display</li> <li>• Potential free fire alarm contact</li> <li>• Measures 284 x 364 x 160 mm</li> <li>• Protection IP64</li> <li>• General construction technique permit Z-6.500-2436</li> <li>• National technical approval Z-6.510-2428</li> </ul>	1006000094
<div style="display: flex; align-items: flex-start;">  <div> <p>Powerpack Type 3 with casing</p> <ul style="list-style-type: none"> <li>• measures in mm: 162x82x55</li> <li>• for bridging short power failures</li> <li>• bridging time depends on connected users</li> <li>• with casing</li> <li>• hold-open time up to 12 min during power failure of 230 VAC voltage</li> </ul> </div> </div>	1013000004
<div style="display: flex; align-items: flex-start;">  <div> <p>Powerpack Type 3 without casing</p> <ul style="list-style-type: none"> <li>• for bridging of short power failures</li> <li>• bridging time depends on connected users</li> <li>• bridging time: max 10 min</li> <li>• measures: 11,8 x 2,7 x 5,5 cm (LxDxH)</li> </ul> </div> </div>	0603000413

**description**

**article**



hold open system control unit RZ-24  
with Powerpack type 3

1006000095

- System 3 in 1: power supply + release device + release push button for hold open device + Powerpack 3
- Key "close door" can be used for test
- Key for reset
- Integrated horn
- 24 V / max. 0,9A
- Operation via membrane keypad and operation status display
- Potential free fire alarm contact
- large housing, measures WxHxD ca. 202x152x90 mm
- suitable for integration of further components
- both modules in one housing
- Powerpac Typ 3 for bridging of short-term power failures, max. 10m min
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428






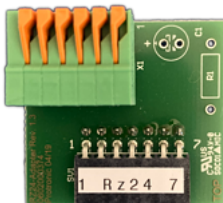
hold open system control unit RZ-24  
with time control and Powerpac type 3

1006000096

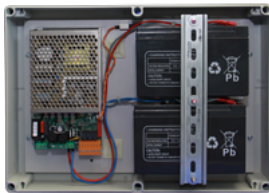



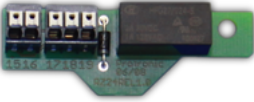
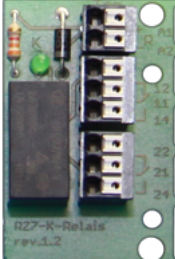
- System 3 in 1: power supply + release device + release push button for hold open device + Powerpack 3
- Key "close door" can be used for test
- Key for reset
- Integrated horn
- 24 V / max. 0,9A
- Operation via membrane keypad and operation status display
- Potential free fire alarm contact
- large housing, measures WxHxD ca. 202x152x90 mm
- suitable for integration of further components
- 3 modules in one housing
- Powerpac Typ 3 for bridging of short-term power failures
- bridging time depends on connected users
- time control for gates in medium or large car parks, specifications of Standard TRVB N106 Austria
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428

**Accessories for control units**

Accessories for control units and casings

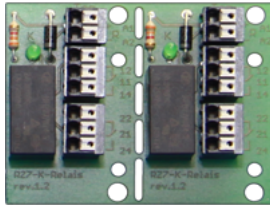
description	article
	<p>automatic resetter after power failure</p> <p>0033000004</p> <ul style="list-style-type: none"> <li>• independent reset after power failure</li> <li>• resets the fire alarm loop with a short reset pulse</li> <li>• after alarm activation by a fire detector, additionally a manual reset is necessary (key "test" or "close door" on membrane keypad)</li> <li>• reset is not possible as long as smoke/fire is detected</li> <li>• Note: The operation of RZ-24 with this adapter is approval-compliant only if there is <b>no</b> automatic opening (e.g. motorised opening) after an automatic reset.</li> </ul>
	<p>automatic reset board after fire alarm or power failure, for RZ-24</p> <p>0033000008</p> <ul style="list-style-type: none"> <li>• independent reset after power failure</li> <li>• resets the fire alarm loop with a short reset pulse</li> <li>• after alarm activation by a fire detector, additionally a manual reset is necessary (key "test" or "close door" on membrane keypad)</li> <li>• reset is not possible as long as smoke/fire is detected</li> <li>• Note: The operation of RZ-24 with this adapter is approval-compliant only if there is <b>no</b> automatic opening (e.g. motorised opening) after an automatic reset.</li> </ul>
	<p>time relay Rev.1.5</p> <p>0042000004</p> <ul style="list-style-type: none"> <li>• time relay board for incorporation</li> <li>• relay 24VDC 25mA</li> <li>• 1 changeover contact 2A 30VDC</li> <li>• 1 output non-floating 24VDC max. 2A</li> <li>• time function: off delay, on delay, single shot leading edge, single shot trailing edge, flashing, pulse forming, analogue threshold switch, analogue window comparator</li> <li>• time range hours : minutes = 48h:59m or minutes : seconds = 59m:59s</li> <li>• measures: 111 x 16 x 15 mm</li> </ul>
	<p>remote control adapter for external reset button</p> <p>0033000006</p> <ul style="list-style-type: none"> <li>• operation via keypad or/and an external button</li> <li>• additionally pushbutton necessary</li> </ul>



description	article
 <p>Batterypac for buffering for RZ-24</p> <ul style="list-style-type: none"> <li>• 0,9A für ca. 5h</li> <li>• bridging time depends on connected users, ambient temperature, safety margins depending on battery age</li> <li>• incl. 2x7 Ah battery</li> <li>• charger 3 A</li> <li>• consists of: charger, batteries, casing, documentation</li> </ul>	1106000035
 <p>Slide in description label for keypad, customised with customer logo</p> <ul style="list-style-type: none"> <li>• surcharge per panel</li> <li>• minimum purchase 30 pcs</li> </ul>	1105000062
 <p>pressure compensation element</p> <ul style="list-style-type: none"> <li>• for installation of RZ-24 in deep-freeze areas</li> <li>• RAL 7035</li> </ul>	0216000006
 <p>safety barrier EX</p> <ul style="list-style-type: none"> <li>• P+F Z779; 2-channel, 26,5 V/327 Ohm</li> </ul>	1304000009
 <p>relay board RZ-24-REL1.0</p> <ul style="list-style-type: none"> <li>• relay board for installation in RZ-24 casing</li> <li>• 1 x relay 24VDC 10mA</li> <li>• 1 x potential-free converter 2A 30VDC</li> <li>• measures: 55 x 19mm, contour for terminal compartment RZ-24</li> </ul>	0603000129
 <p>RZ7-K-relay board, single</p> <ul style="list-style-type: none"> <li>• relay board for installation</li> <li>• 1 x relay 24VDC 10mA</li> <li>• 2 x potential-free converter 2A 30VDC</li> <li>• measures: 28,5 x 46mm</li> </ul>	0016000005

**description**

**article**



RZ7-K relay board double

- relay board for installation
- 2 x relay 24VDC, 10mA/relay
- 4 x potential-free converter 2A 30VDC
- measures: 57 x 46 mm

0016000006



acceptance- and maintenance report RZ-24 with label, sticker and cardboard sheet

- according to the specific guidelines of DIBt
- monthly and annual documentation

1304000001



acceptance- and maintenance report RZ3 with label and cardboard sheet

- according to the specific guidelines of DIBt
- monthly and annual documentation

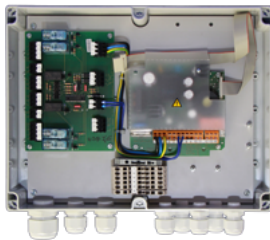
1304000050

**Motor Control**

RZ-24 with components for controlling 24V / 230V motors

**description**

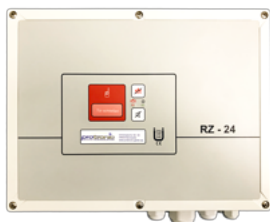
**article**



RZ-24 with push button and motor controller MKB03

- two devices in one casing
- RZ-24 and motor terminal box MKB03
- for 1-2 Becker tube motors 230V with KEB brake B02 24V 6W
- limit switch evaluation
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428
- Attention: Customer discounts cannot be applied on this item.

1015000003



RZ-24 with push button and motor controller MKB04 for 24V tube motors

- two devices in one casing
- RZ-24 and motor terminal box MKB03
- for Becker tube motors 230V with KEB brake B02 24V 6W
- power supply unit 24V/8A to supply the tube motor
- limit switch evaluation with current-controlled motor deactivation at a defined load / current
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428
- Attention: Customer discounts cannot be applied on this item.

1015000006

**description**

**article**



RZ-24 with pushbutton and motor controller MKB-S,  
TG ABS 2015-9-o

1015000010

- two devices in one casing
- RZ-24 and motor terminal box MKB03 in TG ABS 2015-9-o
- for 1 Becker tube motor 230V with KEB brake B02 24V 6W
- limit switch evaluation
- casing: WHD 300x300x210 mm
- General construction technique permit Z-6.500-2436
- National technical approval Z-6.510-2428
- Attention: Customer discounts cannot be applied on this item.



Motor controller MKB-S in case

1015000015

- for one Becker tube motor 230V with KEB brake B02 24V 6W
- limit switch evaluation
- receives fire alarm signal from RZ-24
- **Attention: Customer discounts cannot be applied on this item.**



Motor switch MS200 Rev.2.10

1036000007

- Use in combination with a hold-open system
- Electric switching of the motor current (max. 2.2 kW, 400 V AC)
- Lockable main switch (required by professional association) to disconnect the 400 V AC
- Evaluation of the upper end position
- selector switch for upper end position (normally closed or normally open)
- optional series resistor for brakes with from 24 W power upwards
- Assembly control functionality integrated:
  - Button for manual release of the holding magnet (without control)
  - Button for manual operation of the motor (without control)
- Housing 2015-9-o: 202 x 152 x 90 mm
- **Attention Customer discounts cannot be applied on this item!**





motor terminal box MKB03 ET218

1015000001

- for up to 2 Becker tube motors 230V with KEB brake B02 24V 6W
- limit switch evaluation
- receives fire alarm signal from RZ-24
- **Attention: Customer discounts cannot be applied on this item.**

**Control unit RZ3**

VdS tested and approved control for hold-open system for a conveyor system closure. Approval number abZ: Z-6.510-2627/-2626 - plus costs for the preparation of the circuit diagram according to expenditure.

description	article
	<p>RZ3 for track-bound conveyor system closures 1.5 A</p> <ul style="list-style-type: none"> <li>• energy supply + release device</li> <li>• fire alarm evaluation and control of conveyor system closures</li> <li>• application for ex-areas possible, according to technical approval</li> <li>• power supply unit 24 V DC, 1.5 A for external users</li> <li>• monitoring of closing area for 2 conveyor lines</li> <li>• operation- and display membrane keypad</li> <li>• display of: errors, energy supply, fire alarm evaluation, release, end positions, light barriers</li> <li>• General construction technique permit, abG: Z-6.500-2612/-2613</li> <li>• National technical approval, abZ: Z-6.510-2627/-2626</li> <li>• In addition, the creation of the circuit diagram is charged according to the effort involved.</li> <li>• <b>Attention: Customer discounts cannot be applied on this item.</b></li> </ul>
	<p>RZ3-7,2 Ah + safety contact strip (Gelbau) int. CC7000-casing, (aBG) 2022</p> <ul style="list-style-type: none"> <li>• RZ3 for track-bound conveyor system closures including personnel protection</li> <li>• Power supply + triggering device</li> <li>• Fire alarm evaluation and control of conveyor system closures</li> <li>• Can be used in hazardous areas according to approval</li> <li>• 24 V DC, 1.5 A power supply unit for external consumers</li> <li>• Independent fire alarm evaluation, up to 20 smoke detectors can be connected</li> <li>• Closing area monitoring for 2 conveyor sections</li> <li>• Operating and display foil</li> <li>• Displays for: Faults, power supply, fire alarm evaluation, tripping, end positions, light barriers</li> <li>• Approval number: a BZ: Z-6.510-2627/-2626,</li> <li>• General construction technique permit: a BG: Z-6.500-2612/-2613</li> <li>• In addition, the creation of the circuit diagram is charged according to the effort involved!</li> <li>• <b>Attention: Customer discounts cannot be applied on this item.</b></li> </ul>

**description**

**article**



RZ3-7,2Ah+MC-REL3/4, int. CC7000 aBG 2022  
incl. wiring and circuit diagram

1001010084

- Control unit for smoke barriers, smoke protection closures
- for Becker tubular motors 24 V, 6 A
- max. 4 tubular motors can be connected
- Power supply 24 V, 1.5 A for external consumers
- Battery buffer for supplying the 24V tubular motors 7.2 Ah
- Triggering device for fire alarm evaluation
- Approval number: a BZ: Z-6.510-2627/-2626,
- Type approval: a BG: Z-6.500-2612/-2613
- In addition, the creation of the circuit diagram is charged according to the effort involved.
- **Attention: Customer discounts cannot be applied on this item!**



RZ-3 for track-bound conveyor system closures  
1.5 A, with MC-MABM and MC-EABM

1001010068

- With MC-MABM motor control and MC-EABM motor supply 400 V VdS certified and approved hold open system for a conveyor system closure or fire protection closure
- combined energy supply
- fire alarm evaluation and control of conveyor system closures
- application for ex-areas possible, according to technical approval
- power supply unit 24 V DC, 1.5 A for external users
- independent fire alarm evaluation, up to 20 smoke detectors connectable
- monitoring of closing area for 2 conveyor lines
- operation- and display membrane keypad, display of: errors, energy supply, fire alarm evaluation, release, end positions, light barriers
- General construction technique permit, abG: Z-6.500-2612/-2613
- National technical approval, abZ: Z-6.510-2627/-2626
- In addition, the creation of the circuit diagram is charged according to the effort involved.
- **Attention: Customer discounts cannot be applied on this item.**



**description**

**article**



RZ3-M-7,2Ah+MC-MABM+MC-EABM  
+safety contact strip(Gelbau), intl.

1001010072

- RZ3 for track-bound conveyor system closures including personnel protection
- with MC-MABM motor control unit and MC-EABM motor supply 400 V VdS tested and
- approved hold-open system for a conveyor system closure or fire protection closure
- Combined energy supply
- Fire alarm evaluation and control of conveyor system closures
- Can be used in hazardous areas in accordance with approval
- 24 V DC power supply unit, 1.5 A for external consumers
- Independent fire alarm evaluation Up to 20 smoke detectors can be connected
- Closing area monitoring for 2 conveyor sections
- Operating and display foil Displays for: Faults, power supply,
- fire alarm evaluation, triggering, end positions, light barriers
- Approval number: a BZ: Z-6.510-2627/-2626
- General construction technique permit: aBG: Z-6.500-2612/-2613
- Casing: CC7000
- In addition, the creation of the circuit diagram is charged according to the effort involved.
- **Attention: Customer discounts cannot be applied on this item.**



RZ3 for track-bound conveyor system closures  
1.5 A with MC-M motor control 400 V

1001010075

- combined energy supply, fire alarm evaluation and control of conveyor system closures
- application for ex-areas possible, according to technical approval
- power supply unit 24 V DC, 1.5 A for external users
- monitoring of closing area for 2 conveyor lines
- operation- and display membrane keypad, display of: errors, energy supply, fire alarm evaluation, release, end positions, light barriers
- motor circuit board for 400VAC motors with protection and overcurrent trip
- CC7000 casing
- General construction technique permit, abG: Z-6.500-2612/-2613
- National technical approval, abZ: Z-6.510-2627/-2626
- In addition, the creation of the circuit diagram is charged according to the effort involved.
- **Attention: Customer discounts cannot be applied on this item.**

**description**

**article**



RZ3-M-7,2Ah(OC),MC-M,  
safety contact strip (Gelbau), CC7000-casing

1001010082

- RZ-3 for track-bound conveyor system closures including personnel protection
- Motor control 400 V
- Combined energy supply, fire alarm evaluation and control of conveyor system closures
- conveyor system closures
- Can be used in hazardous areas according to approval
- 24 V DC power supply unit, 1.5 A for external consumers
- Independent fire alarm evaluation Up to 20 smoke detectors can be connected
- Closing area monitoring for 2 conveyor sections
- Operating and display foil with displays for Faults, power supply,
- fire alarm evaluation, triggering, end positions, light barriers
- Motor board for 400 VAC motors without contactor and overcurrent release
- Approval number: a BZ: Z-6.510-2627/-2626,
- Type approval: a BG: Z-6.500-2612/-2613
- The exact motor type must be specified when ordering!
- In addition, the creation of the circuit diagram is charged according to the effort involved.
- **Attention: Customer discounts cannot be applied on this item.**

Circuit diagram

9904000019

- The costs for the preparation of the circuit diagram will be charged according to time and effort.
- Circuit diagram creation delivery time: within 14 days

## Release and Signalling

### Release and signalling

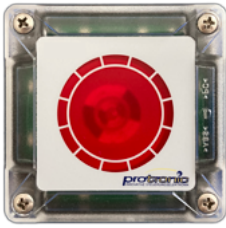
In accordance with DIN EN 12604/2017 and accident prevention regulations, visual and acoustic signalling of closing is prescribed if the maximum permissible closing forces cannot be complied with. In case of fire and a mostly following power failure the signalling has to be bridged with an emergency power supply.

**description**

**article**

**description**

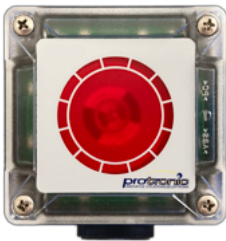
**article**



WS-24-I horn flash warning device  
internal

1019000019

- volume: 70dB at 30cm
- casing protection: IP65 depending on cable glands
- optical display via LED technology
- acoustic signalling via internal horn warning device
- The acoustic signaling device (horn) can be deactivated using a jumper bridge.
- Integrated emergency power supply in case of mains failure, bridging time at least 4 minutes
- The frequency of signalling is adjustable by a potentiometer between 0.5 Hz und 2 Hz.
- Via DIP switch you can either choose blinking (50:50) or flashing (30:70).
- limit switch evaluation
- wall- and ceiling mounting possible
- WxHxD 84mm x 82mm x 55mm
- casing colour: grey, similar to RAL 7035



WS-24-I horn flash warning device  
external

1019000020

- volume: 105dB at 30cm
- casing protection: IP65 depending on cable glands
- optical display via LED technology
- acoustic signalling via internal horn warning device
- The acoustic signaling device (horn) can be deactivated using a jumper bridge.
- Integrated emergency power supply in case of mains failure, bridging time at least 4 minutes
- The frequency of signalling is adjustable by a potentiometer between 0.5 Hz und 2 Hz.
- Via DIP switch you can either choose blinking (50:50) or flashing (30:70).
- Limit switch evaluation
- wall- and ceiling mounting possible
- WxHxD 84mm x 82mm x 55mm
- casing colour: grey, similar to RAL 7035



Horn-Flash WSC-24-M  
horn flash warning device

1019000012

- according to specifications of VdS --> display status even in event of power failure
- integrated emergency power supply in case of power failure, 30s-150s
- directly connectable with RZ-24
- power supply: extern 21,6V-27,6V
- charging time ca. 3 min, connection with 24V e.g. from RZ-24
- horn volume ca. 75dB at 1m and flashlight frequency stepless adjustable

**description**

**article**



WS-24-R horn flash warning device  
with socket, black

1019000017

- The WS-24-R is a shapely, modern signal device, which displays visual and audible alarms or warnings. The following properties are realized by the WS-24-R:
- integrated emergency power supply in case of mains failure, bridging time at least 4 minutes
- The acoustic signal can be switched off via DIP-switch.
- The frequency of signalling is adjustable by a potentiometer between 0.5 Hz und 2 Hz.
- The volume of the horn can be adjusted by a potentiometer and is limited to a maximum of 85 dB at a distance of 1 m.
- Via DIP switch you can either choose blinking (50:50) or flashing (30:70).
- If the voltage of the internal energy storage decreases, the tact ratio (signal ON) for the acoustic and optical signalling is shortened to extend the bridging time.
- For a simple installation the WS-24-R consists of two parts: the warning light (red) and the socket (black).
- limit switch evaluation
- Easy installation due to bayonet lock.



WS-24-R horn flash warning device  
with socket, light grey

1019000018

The WS-24-R is a shapely, modern signal device, which displays visual and audible alarms or warnings. The following properties are realized by the WS-24-R:

- integrated emergency power supply in case of mains failure, bridging time at least 4 minutes
- The acoustic signal can be switched off via DIP-switch.
- The frequency of signalling is adjustable by a potentiometer between 0.5 Hz und 2 Hz.
- The volume of the horn can be adjusted by a potentiometer and is limited to a maximum of 85 dB at a distance of 1 m.
- Via DIP switch you can either choose blinking (50:50) or flashing (30:70).
- If the voltage of the internal energy storage decreases, the tact ratio (signal ON) for the acoustic and optical signalling is shortened to extend the bridging time.
- For a simple installation the WS-24-R consists of two parts: the warning light (red) and the socket (light grey).
- limit switch evaluation
- Easy installation due to bayonet lock.

**description**

**article**



WS24 horn flash warning device  
internal

1019000008

- volume: 70dB at 30cm
- casing protection: IP65 depending on cable glands
- optical display via LED technology
- acoustic signalling via internal horn warning device
- wall- and ceiling mounting possible
- WxHxD 84mm x 82mm x 55mm
- casing colour: grey, similar to RAL 7035
- without emergency power supply



WS24 horn flash warning device  
external

1019000009

- volume: 105dB at 30cm
- casing protection: IP54
- optical display via LED technology
- acoustic signalling via external horn warning device
- wall- and ceiling mounting possible
- WxHxD 84mm x 82mm x 55mm
- casing colour: grey, similar to RAL 7035
- without emergency power supply

**Manual release and Manual pushbutton**

For manual release of the hold-open device the use of several hand switches or the use of the the integrated release button is possible.

**description**

**article**




Manual release under glass  
lettering FSA schließen, casing orange RAL 2011

1028000002

- 2 operating modes selectable
  - signal interruption for at least 3 sec.
  - button latching (internal reset button)
- setting with integrated jumper
- reset button for fire alarm loop in connection with remote control adapter 0033000006
- Aluminium surfacemounted housing IP40
- Casing: orange, touch surface: red
- Measures: 129x138x39mm



description	article	
<p>Manual release under glass lettering FSA schließen, casing yellow RAL 1004</p> <ul style="list-style-type: none"> <li>• 2 operating modes selectable               <ul style="list-style-type: none"> <li>• signal interruption for at least 3 sec.</li> <li>• button latching (internal reset button)</li> </ul> </li> <li>• setting with integrated jumper</li> <li>• reset button for fire alarm loop in connection with remote control adapter 0033000006</li> <li>• Aluminium surfacemounted housing IP40</li> <li>• Casing: yellow, touch surface: red</li> <li>• Measures: 129x138x39mm</li> </ul>	1028000003	
<p>Manual release under glass lettering FSA schließen, casing grey</p> <ul style="list-style-type: none"> <li>• 2 operating modes selectable               <ul style="list-style-type: none"> <li>• signal interruption for at least 3 sec.</li> <li>• button latching (internal reset button)</li> </ul> </li> <li>• setting with integrated jumper</li> <li>• reset button for fire alarm loop in connection with remote control adapter 0033000006</li> <li>• Aluminium surfacemounted housing IP40</li> <li>• Casing: grey, touch surface: red</li> <li>• Measures: 129x138x39mm</li> </ul>	1028000005	
<p>Manual release under glass lettering FSA schließen, casing red</p> <ul style="list-style-type: none"> <li>• 2 operating modes selectable               <ul style="list-style-type: none"> <li>• signal interruption for at least 3 sec.</li> <li>• button latching (internal reset button)</li> </ul> </li> <li>• setting with integrated jumper</li> <li>• reset button for fire alarm loop in connection with remote control adapter 0033000006</li> <li>• Aluminium surfacemounted housing IP40</li> <li>• Casing: red, touch surface: red</li> <li>• Measures: 129x138x39mm</li> </ul>	1028000007	
	<p>release pushbutton surface-mounted</p> <ul style="list-style-type: none"> <li>• Rocker witch with lettering "close door"</li> <li>• IP44</li> <li>• optional cable entry from above or below</li> <li>• colour: grey, Rocker: red</li> <li>• casing: plastic</li> </ul>	1303000005

**description**

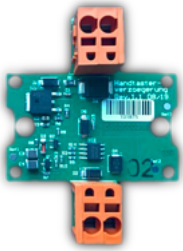
**article**



release pushbutton surface-mounted  
for hold open systems, 3 sec interruption

- Rocker witch with lettering "close door
- manual release pushbutton for hold open systems
- including board with 3 sec interruption
- IP44
- optional cable entry from above or below
- colour: grey, Rocker: red
- casing: plastic

1303000015



circuit board complete for manual release button,  
ext. of actuation time, surface-mounting, Rev.1.1

- The circuit board extends the actuation time of the manual pushbutton to 3 s (even with short presses, e.g. 0.5 s) to guarantee the release of the holding magnet. This ensures safe, approval-compliant switching off of the holding magnet and closing of the door.
- For surface mounting

0603000318



release pushbutton surface-mounted

- casing: plastic
- Rocker witch with lettering "close door
- contact load up to 0,5 Ampere, DC
- Ambient temperature: 0°C bis +50°C
- colour frame: white, Rocker: red

1303000022



release pushbutton flush mounted

- casing: plastic
- Rocker witch with lettering "close door
- contact load up to 0,5 Ampere, DC
- Ambient temperature: 0°C bis +50°C
- colour frame: white, Rocker: red

1303000021



release pushbutton flush mounted  
for hold open systems, 3 sec interruption

- red rocker switch witch with lettering "close door
- manual release pushbutton for hold open systems
- board with 3 sec interruption
- contact load up to 0,5 A DC
- Ambient temperature: 0°C bis +50°C
- IP44

1303000016

**description**

**article**



circuit board complete for manual release button,  
ext. of actuation time, surface-mounting, Rev.1.1

0603000319

- The circuit board extends the actuation time of the manual pushbutton to 3 s (even with short presses, e.g. 0.5 s) to guarantee the release of the holding magnet. This ensures safe, approval-compliant switching off of the holding magnet and closing of the door.
- For flush mounting



GIRA rocker switch grey surface-mounting

0309000012

- casing: plastic
- rocker switch
- rocker with lettering "close door"
- surface-mounting
- IP 65
- screw mounting

key switch RAFIX16

0308000040

- key-operated switch for alarm buffer board 0603000190
- actuating element, 1 key switch spring-return with screw contacts
- operating current: max. 250V AC
- contact rating: 6A
- temperature range: -25°C .. 70°C



release pushbutton EX GTU 08

1303000009

- manual release pushbutton for hold open systems for fire protection closures in ex-areas
- directive 94/9/EG
- technical approval zone 1 and 2
- IP66
- Ambient temperature: -20°C bis +40°C

**Fire Detection - Fire Detectors**

**Fire Detectors Apollo Series 65**

RZ2-24 detects short circuits or wire breaks in connection with the smoke detectors and triggers the hold-open system in case of fire or smoke detection. The use of smoke and fire detectors made by various manufacturers is possible. Smoke detectors have a much lower energy consumption than smoke switches.

**description**

**article**



optical smoke detector Apollo series  
S65 55000-317 APO

1201000012

- supply voltage: 9 bis 33V
- normal operating temperature: -20 bis +60°C
- average quiescent current at 24 V: 40µA
- alarm current at 24V: 52mA
- alarm display: transparent LED, red for Alarm

**description**

**article**



Thermal heat detector  
S65 55000-122 APO

- Versorgungsspannung: 9 bis 33 V
- operating temperatur range: min. 20 bis +90 °C ( with no icing )
- average quiescent current at 24V: 45mA
- alarm current at 24V: 52mA

1203000014



S65 heat detector CS  
S65 55000-137 APO

- can be used for applications for which smoke detectors are unsuitable
- Ideal for environments that are dirty or smoky under natural conditions
- monitors temperature by using a dual thermistor network which provides a voltage output proportional to the external air temperature
- Quiescent current 250 µA
- Holding voltage 6 V
- Air humidity 95 %-0 % RH
- Operating temperature -20 to 90 °C
- IP23D

1203000015

**Fire Detector Orbis Series**

Orbis is a cost-effective alternative to the well-established S 65 detectors.

**description**

**article**



optical smoke detector Apollo Orbis  
OP-12001

- supply voltage: 8,5 bis 33 VDC
- temperature range: -40 bis 70°C
- wiring: two-wire, polarity sensitive
- max. polarity reversal: 200ms
- activation phase: <20 s
- alarm current: 40 mA bei 24 V
- adaption of the alarm threshold

1201000002



Multisensor Apollo Orbis  
OH-13001

- smoke detector extended with thermosensor
- supply voltage: 8,5 bis 33 VDC
- temperature range: -40 bis 70°C
- wiring: two-wire, polarity sensitive
- max. polarity reversal: 200ms
- activation phase: <20 s
- alarm current: 40 mA bei 24 V
- adaption of the alarm threshold

1203000005

**description**

**article**



heat detector Apollo Orbis  
HT-11001

- supply voltage: 8,5 bis 33 VDC
- temperature range: -40 bis 70°C
- wiring: two-wire, polarity sensitive
- max. polarity reversal: 200ms
- activation phase: <20 s
- alarm current: 40 mA bei 24 V
- adaption of the alarm threshold

1203000004



heat detector Apollo Orbis HT-11006

- Orbis fixed temperature heat detector CS (VdS) G204038
- supply voltage: 5 bis 33 VDC
- range of temperature: -40 bis 70°C
- wiring: two-wire, polarity sensitive
- alarm current: 40 mA bei 24 V
- adaption of the alarm threshold
- application: guesthouses, car parks / loading ramps, dusty environments, restaurants, retail sector, small and medium buildings

1203000011

**Fire Detectors Minimax Univario**

Thermal detector as solution for the food industry IP67

**description**

**article**



MINIMAX Univario  
WMX 5000 Thermal detector

- smoke detector extended with thermosensor
- alarm-, error- and operation-status-LED
- mixable with other detector types
- robust housing for industrial application
- protection IP67
- operating temperature: -20 bis +80°C
- power consumption in the milliwatt range
- VdS approval
- FM approval
- VNIPO technical approval
- CCC technical approval

1203000006

mounting bracket for detector MX5000

1205000016



- mounting bracket for UniVario socket
- incl. 2 screws M8 hexagon socket SW 5
- material: stainless steel, 2mm thick
- weight: 110g



## Fire Detector Ex-Areas

Fire detector Apollo Serie Orbis Ex for intrinsically safe installation in Ex-areas 1 and 2

### description

### article



optical smoke detector  
ORB-OP-52027-APO Serie Orbis IS Ex

- for intrinsically safe installation with safety barrier
- supply voltage: 8,5 bis 33 VDC
- wiring: two-wire, polarity sensitive
- max. polarity reversal: 200ms
- activation phase: <20 s
- alarm current: 40 mA bei 24 V
- certification: ATEX, IECEx
- adaption of the alarm threshold

1201000004

## Fire Detection - Sockets and Accessories

### Fire Detector sockets

Fire detector sockets for installation of Apollo fire detectors

### description

### article



Apollo detector base serie 65  
Apollo S 45681-200

- Standard 45681-200

1204000001



relay socket  
Apollo S65 45681-245APO

- potential-free changeover switch (changeover contact)
- not failsafe
- maximum contact load: 50V AC and 75V AC
- in alarm status the relay is supplied with voltage until the detector is resetted

1204000018



standard socket Orbis  
MB - 00001

- 4 connecting terminals and 1 ground terminal
- locking the detector head into the socket by removing the security seal on the outer socket edge
- delivery condition: Input (IN+) bridged with Output (OUT+) to pass through the loop. This bridge is cancelled with the first mounting of the detector.

1204000005

**description**

**article**



relay socket  
Apollo Orbis RB-10004

- potential-free changeover switch for reporting
- not failsafe
- maximum contact load: 30V 1A
- in alarm status the relay is supplied with voltage until the detector is resetted

1204000007

**Special Sockets**

Detector sockets for Ex-areas or cold store

**description**

**article**



MINIMAX Univario  
WMX 5000 detector socket

- terminal block for connection of field wiring before mounting the detector
- mounting on walls and ceilings
- IP67

1204000015



Apollo Orbis I.S. EX Standardsocket

- socket for ex-areas zone 1 and 2
- MB 500018 suitable for ORB-OP-52027

1204000011



Apollo Orbis detector socket heated

- heated
- application area: cold store


1204000010



Apollo Orbis Deckhead Mounting Box

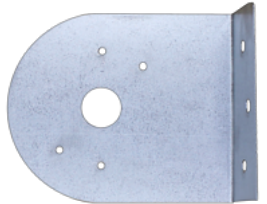
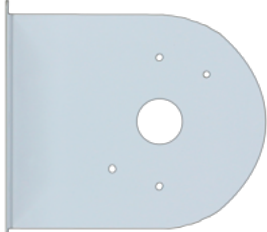

- Deckhead Mounting Box, moisture proof, 45681-217
- application area: cold store

1205000014

description	article	
	<p>Apollo Orbis Adapter S65 / Apollo Orbis BA-10008</p> <ul style="list-style-type: none"> <li>allows installation of Orbis detectors in S65 sockets</li> </ul>	1204000008

## Detector Fixing Brackets

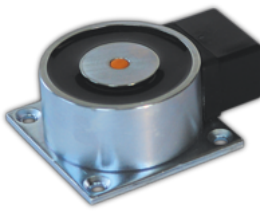
Fixing bracket for wall installation of fire detectors

description	article	
	<p>fixing bracket for detector short</p> <ul style="list-style-type: none"> <li>model: galvanised sheet steel, 179mm</li> <li>for lintel mounting according to guidelines for hold open systems</li> </ul>	1205000002
	<p>fixing bracket for detector short, white</p> <ul style="list-style-type: none"> <li>model: galvanised sheet steel, lacquered</li> <li>colour: RAL 9016 traffic white</li> <li>further colours on demand</li> <li>for lintel mounting according to guidelines for hold open systems</li> </ul>	1205000011
	<p>fixing bracket for detector long</p> <ul style="list-style-type: none"> <li>model: galvanised sheet steel, 550mm for distance &gt; larger than 5 m from upper edge of the wall opening to ceiling installation at least 3.5 m over the upper edge of the wall opening (replacement of ceiling detector) distance of 0.5 m to the wall</li> </ul>	1205000003

## Hold Open Devices - Hold-Open Magnets DIC

### Hold Open Magnets R Series

Hold-open devices with electromagnets hold fire protection closures open. If required, the smoke detector sends the signal to interrupt the holding current so that the doors can be shut and thus the spread of fire and smoke can be stopped.

description	article
	<p>EM GD 60 R 26 / 700 N <span style="float: right;">1306000008</span></p> <ul style="list-style-type: none"> <li>• Type R holding magnets with lateral terminal</li> <li>• diameter x height: 60 x 26</li> <li>• mounting plate: 55x55x3</li> <li>• Watt: 1,6</li> <li>• ED %: 100</li> <li>• Force N: 700</li> </ul>
<p>EM GD 70 R 39 / 1450 N <span style="float: right;">1306000009</span></p> <ul style="list-style-type: none"> <li>• Type R holding magnets with lateral terminal</li> <li>• diameter x height: 70 x 39</li> <li>• mounting plate: 75x60x4</li> <li>• Watt: 1,7</li> <li>• ED %: 100</li> <li>• Force N: 1450</li> </ul>	
<p>EM GD 50 R 26 / 600 N <span style="float: right;">1306000014</span></p> <ul style="list-style-type: none"> <li>• Type R holding magnets with lateral terminal</li> <li>• diameter x height: 50 x 26</li> <li>• mounting plate: 55x44x3</li> <li>• Watt: 1,6</li> <li>• ED %: 100</li> <li>• Force N: 600</li> </ul>	
<p>EM GD 60 R 26 I / 700 N <span style="float: right;">1306000029</span></p> <ul style="list-style-type: none"> <li>• Watt: 1,6</li> <li>• ED %: 100</li> <li>• Force N: 700</li> <li>• temperature range: -20°C bis 60°C</li> <li>• IP65</li> </ul>	
<p>EM GD 70R 39 I / 1450 N <span style="float: right;">1306000030</span></p> <ul style="list-style-type: none"> <li>• Watt: 1,7</li> <li>• ED %: 100</li> <li>• Force N: 1450</li> <li>• temperature range: -20°C bis 60°C</li> <li>• IP65</li> </ul>	
<p>EM GD 60 R 26 I S UV/ 1000 N <span style="float: right;">1306000033</span></p> <ul style="list-style-type: none"> <li>• 24 VDC</li> <li>• 1000 N</li> <li>• UV resistant</li> <li>• temperature range: -20°C bis +60°C</li> <li>• IP65</li> </ul>	

description	article
<p>EM GD 50 Q 23 / 600 N</p> <ul style="list-style-type: none"> <li>• 24 VDC</li> <li>• 600 N</li> <li>• with lateral terminal for easy connection</li> <li>• without mounting plate</li> <li>• ambient temperature: -20°C bis +60°C</li> <li>• IP20</li> </ul>	1306000035
<p>DICTATOR EM GD 60 FB oT/ 700 N w/o push-button with monitoring contact</p> <ul style="list-style-type: none"> <li>• Dimensions:</li> <li>• Watt: 1,6</li> <li>• ED %: 100</li> <li>• Force N: 700</li> <li>• with feedback contact</li> </ul>	1306000032
<p>EM GD 50 F 26 / 600 N</p> <ul style="list-style-type: none"> <li>• Type F holding magnets with terminal</li> <li>• diameter x height: 50 x 26</li> <li>• mounting plate: 55x83x3</li> <li>• Watt: 1,6</li> <li>• ED %: 100</li> <li>• Force N: 600</li> <li>• VdS-nr.:</li> </ul>	1306000011
<p>EM GD 60 F 26 / 700 N</p> <ul style="list-style-type: none"> <li>• Type F holding magnets with terminal</li> <li>• diameter x height: 60 x 26</li> <li>• mounting plate: 65x93x3</li> <li>• Watt: 1,6</li> <li>• ED %: 100</li> <li>• Force N: 700</li> </ul>	1306000012
<p>EM GD 60 F 26 S / 1000 N</p> <ul style="list-style-type: none"> <li>• Type F holding magnets with terminal</li> <li>• diameter x height: 60 x 26</li> <li>• mounting plate: 65x93x3</li> <li>• Watt: 1,9</li> <li>• ED %: 100</li> <li>• Force N: 1000</li> </ul>	1306000013

### Hold Open Magnet for flush installation

The DICTATOR hold open magnet for flush installation is used if there is only little space between wall and door or if the hold open magnet should not be visible. The installation is made in a standard flush-mounted box (on site). The white, plastic front panel covers the flush-mounted box completely.

**description**

**article**



EM GD 50 U 35 / 600 N

- measures: 85x85x35
- Watt: 1,9
- ED %: 100
- Force N: 600
- VdS-Nr.:

1306000015

### Hold Open Magnet in Plastic Casing circuit breaker button for on-wall mounting

The hold open magnets in plastic casing are completely encased and thus fulfill the highest optical requirements. For the installation the white plastic casing can be removed easily. For simple wiring there is a terminal on the mounting plate of the magnet. There are 2 variations of hold open magnets in plastic casing:

- connection cable insertion via hole in the mounting plate (EM GD 60 F 26 T)
- connection cable insertion via lateral PG7-screw fitting (EM GD 60 F 26 TK). Can be mounted either on the left or right side.

**description**

**article**



EM GD 60 F 26 T / 700 N

- measures: 70x102x26
- Watt: 1,6
- ED %: 100
- Force N: 700

1306000016

EM GD 60 F26 TK / 700 N

- measures: 70x102x25
- Watt: 1,6
- ED %: 100
- Force N: 700

1306000017



## Hold Open Magnet for floor mounting

The hold open magnet EM GD 60 FB was developed especially for floor mounting.

His aluminium cast housing is solid, robust and resistant. That's very important in this mounting position, because on the floor cleaning machines, vacuum cleaner, or people can bump against the magnet. Furthermore the housing gets in contact with water by cleaning the floor but there is no risk of corrosion because it's made of aluminium. The floor magnet can be provided either with or without circuit breaker on the housing rear.

### description

### article



EM GD 60 FB / 700 N

- measures: 100x107
- Watt: 1,6
- ED %: 100
- Force N: 700

1306000018

EM GD 60 FB oT/ 700 N  
without pushbutton

- measures: 100x107
- Watt: 1,6
- ED %: 100
- Force N: 700

1306000019

## Hold Open Magnet with Swivel Head for floor-, ceiling- and wall mounting

The hold open magnet with swivel head is universally usable, because the magnetic head is rotatable. Depending on its mounting position (floor, ceiling or wall) the magnetic head can be turned into the right angle, without changing the electrical connections. The distance tube allows the height adjustment of varying distances between wall/ceiling/floor.

### description

### article



EM GD 60 S 175 oT/ 700 N  
without pushbutton

- measures: 175x107
- Watt: 1,9
- ED %: 100
- Force N: 700

1306000020

EM GD 60 S 175 / 700 N

- measures: 175x107
- Watt: 1,9
- ED %: 100
- Force N: 700

1306000021

EM GD 60 S 175 S / 1000 N


- measures: 175x107
- Watt: 1,9
- ED %: 100
- Force N: 1000

1306000022

description	article
<p>EM GD 60 S 325 / 700 N</p> <ul style="list-style-type: none"> <li>• measures: 325x257</li> <li>• Watt: 1,9</li> <li>• ED %: 100</li> <li>• Force N: 700</li> </ul>	1306000023
<p>EM GD 60 S 475 / 700 N</p> <ul style="list-style-type: none"> <li>• measures: 475x407</li> <li>• Watt: 1,9</li> <li>• ED %: 100</li> <li>• Force N: 700</li> </ul>	1306000024

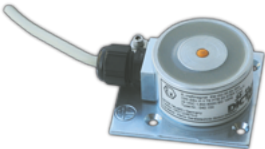
### Electromagnets K Series

For wall mounting with plastic base and optional release button is an optical enclosed unit. It is possible to bridge also greater distances between wall and door (without a distance tube) than with normal hold open magnets. The magnet can be provided with or without integrated release pushbutton.

description	article	
	<p>EM GD 60 K 70 / 700 N</p> <ul style="list-style-type: none"> <li>• measures: 70x82</li> <li>• Watt: 1,6</li> <li>• ED %: 100</li> <li>• Force N: 700</li> </ul>	1306000025
<p>EM GD 60 K 70 oT / 700 N</p> <ul style="list-style-type: none"> <li>• measures: 70x82</li> <li>• Watt: 1,6</li> <li>• ED %: 100</li> <li>• Force N: 700</li> </ul>	1306000026	

## Electromagnets Ex-Proof

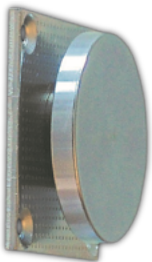
- cast encapsulated, connection terminal box, for ex-areas 1 and 2, 21 and 22

description	article
EM GD 50 Ex 85m / 600 N	1306000027
	<ul style="list-style-type: none"> <li>• measures: 96x113</li> <li>• Watt: 1,6</li> <li>• ED %: 100</li> <li>• Force N: 600</li> </ul>
EM GD 70 Ex 99m / 1450 N	1306000028
<ul style="list-style-type: none"> <li>• measures: 96x113</li> <li>• Watt: 1,6</li> <li>• ED %: 100</li> <li>• Force N: 600</li> </ul>	

## Hold Open Devices - Anchor Plates DIC

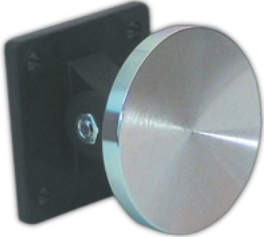
### Anchor Plate Standard

DICTATOR anchor plates are used as counterpart for the DICTATOR hold open magnets. The holding force indicated for the electromagnets can only be achieved when using counter plates. Consist of a zinc-plated mounting plate, an elastic joint and a smooth, zinc-plated anchor plate. The counter plate must have at least the same diameter as the magnet face of the electromagnet to make full use of its holding force.

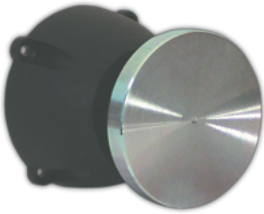
description	article
AP GD 40 G 14	1307000001
	<ul style="list-style-type: none"> <li>• measures mm: 50x50x14</li> <li>• diameter anchor plate mm: 44</li> </ul>
AP GD 50 G 16	1307000002
<ul style="list-style-type: none"> <li>• measures mm: 55x55x16</li> <li>• diameter anchor plate mm: 54</li> </ul>	

description	article
AP GD 60 G 16 <ul style="list-style-type: none"><li>measures mm: 65x65x16</li><li>diameter anchor plate mm: 64</li></ul>	1307000003
AP GD 60 G 30 <ul style="list-style-type: none"><li>measures mm: 65x65x30</li><li>diameter anchor plate mm: 64</li></ul>	1307000004
AP GD 60 G 60 <ul style="list-style-type: none"><li>measures mm: 65x65x60</li><li>diameter anchor plate mm: 64</li></ul>	1307000005
AP GD 70 G 20 <ul style="list-style-type: none"><li>measures mm: 75x75x20</li><li>diameter anchor plate mm: 74</li></ul>	1307000006

**Anchor Plate with Angular Joint (type W)**

description	article	
	<p>AP GD 50 W 50</p> <ul style="list-style-type: none"> <li>• measures mm: 60x60x51</li> <li>• diameter anchor plate mm: 54</li> </ul>	1307000008
<p>AP GD 60 W 50</p> <ul style="list-style-type: none"> <li>• measures mm: 60x60x51</li> <li>• diameter anchor plate mm: 64</li> </ul>	1307000009	
<p>AP GD 70 W 54</p> <ul style="list-style-type: none"> <li>• measures mm: 60x60x54</li> <li>• diameter anchor plate mm: 74</li> </ul>	1307000010	

**Telescopic Anchor Plate with Damping**

description	article	
	<p>AP GD 50 T 80</p> <ul style="list-style-type: none"> <li>• measures mm: 82x82x80</li> <li>• diameter anchor plate mm: 54</li> </ul>	1307000011
<p>AP GD 60 T 80</p> <ul style="list-style-type: none"> <li>• measures mm: 82x82x80</li> <li>• diameter anchor plate mm: 64</li> </ul>	1307000012	

**description**

**article**

AP GD 70 T 84

1307000013

- measures mm: 82x82x84
- diameter anchor plate mm: 74

## Hold Open Devices - Accessories

### Accessory Parts

Wall spacer, shutting-speed regulators and others

**description**

**article**

wall spacer for Dictator EM GD 50 R26, R26I

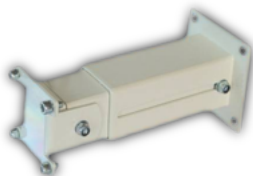
1304000030



- floor-/ wall spacer for electromagnets EM GD 50 R26, R26I, F26,
- white
- screw on size 44mm / M4
- Head of the spacer can be swiveled up to 180° and thus be adapted to varying impact angles of the door.
- The height of the console is adjustable up to 70 mm between 145 - 215 mm.

wall spacer for Dictator EM GD 50 R26, R26I

1304000031



- floor-/ wall spacer for electromagnets EM GD 60 R26, R26I, F26,
- white
- screw on size 55mm / M4
- Head of the spacer can be swiveled up to 180° and thus be adapted to varying impact angles of the door.
- The height of the console is adjustable up to 70 mm between 145 - 215 mm.

## Test Equipment and Tools

**description**

**article**

tester for smoke detector

1205000004



- suitable for all smoke detectors
- reacts to touch
- Also possible on detectors that are difficult to access
- The SOLO 330 in combination with the aerosol can be used for every smoke detector. He reacts to touch and so any detector can be tested even those which are installed on suspended ceilings. The SOLO 330 is mounted on a swivelling frame, so tests can be made also on detectors which are difficult to access. For testing detectors, which are mounted in gaps (floor or ceiling), there is the possibility to dismount the tester from the frame.



**description**

**article**



tester for heat detector (Solo 461)

1205000005

- The SOLO 461 is a complete equipment set for the functional testing of heat detectors.
- The set consists of the following individual components:
- 1 x SOLO 460: CAT wireless test device heat detector
- 2 x SOLO 720: Extension rod with battery (D=29mm; L=490mm)
- 1 x SOLO 724 : Universal mains charger

**Detector Removal Tool**

The SOLO 200 is an universally applicable detector removal tool and is usable for almost all kinds of fire detectors. Three colour indicated grips can be adapted on every size. The various combinations allow the removal/change of detectors of different sizes, so that only one removal tool is necessary. The SOLO 200 can be moved in all directions, that means the detectors can always be removed parallel to the ceiling, also detectors which are not reachable from directly below.

**description**

**article**



detector removal tool (Solo 200)  
without extension

1205000006

**Extension for Detector Removal Tool SOLO**

Made from the same durable material like the SOLO 100 and ideal for reaching detectors, which are mounted out of the reach of hand. The work height of SOLO 100 can be extended to over 6m. The highest recommended work height is 9m.

**description**

**article**



extension for detector removal tool (Solo 101)  
1,13m

1205000007



extension for detector removal tool (Solo 100)  
1,26-4,5m

- telescopic extension 1,26-4,5m

1205000008

### Carrier Bag for Testing Device

SOLO 610 is a purpose-built carrier bag for all the necessary testing equipment components. Not only its a practical transport solution, but guarantees a professional appearance due to its special design.

**description**

**article**



carrier bag for testing devices  
for detector removal too

120500009

### Smoke Detector Test Spray

- safe and simple usage
- gentle to electronics
- residue-free evaporation
- can content sufficient for upt to 150 testings
- silicon-free

**description**

**article**






smoke detector test spray

120500013

## Training Courses for Hold Open Systems


Legally required training courses to get the authorisation to perform acceptance tests and maintenance

description	article
 <p>Fachkraft für Feststellanlagen Abnahmeberechtigung RZ-24-FA / RZ-24-05-FA Andree Kölbl protronic Innovative Steuerungselektronik GmbH Gültig bis 10/2024</p>	<p>training course for hold open systems acceptance test and maintenance</p> <p>9904000003</p> <ul style="list-style-type: none"> <li>• Full-day training course for acceptance of the RZ-24 and maintenance authorisation for hold-open systems</li> <li>• Price per participant</li> <li>• Duration: approx. 5 hrs.</li> <li>• in accordance with the guidelines for hold-open systems, type approval RZ-24-FA and DIN 14677</li> <li>• Training to become a specialist for hold-open systems</li> <li>• Attention: Customer discounts cannot be applied on this item.</li> </ul>
 <p>Abnahmeberechtigung RZ-24-FA / RZ-24-05-FA Andree Kölbl protronic Innovative Steuerungselektronik GmbH Gültig bis 10/2024</p>	<p>training course for hold open systems acceptance test specialist</p> <p>9904000005</p> <ul style="list-style-type: none"> <li>• full-day training course to get the authorisation to perform acceptance tests on the hold open system RZ -24</li> <li>• price per participant</li> <li>• according to the guidelines for hold open systems: general construction technique permit of RZ-24</li> <li>• <b>Attention: Customer discounts cannot be applied on this item.</b></li> </ul>
 <p>Abnahmeberechtigung RZ-24-FA / RZ3-RZ4-FA Gültig bis 06/2023</p>	<p>technical training RZ3/RZ4</p> <p>9904000015</p> <ul style="list-style-type: none"> <li>• incl. troubleshooting</li> <li>• price per participant</li> <li>• <b>Attention: Customer discounts cannot be applied on this item!</b></li> </ul>

## Spare Parts

### Spare parts

Attention: Customer discounts cannot be applied on spare parts.

description	article
 <p>lead acid battery maintenance-free rechargeable multipower -mp- MP2-2-12 12V 2.3Ah</p>	<p>Rechargeable battery 12 V/2,3 Ah</p> <p>0800000013</p> <ul style="list-style-type: none"> <li>• Rechargeable battery 12 V/2,3 Ah</li> </ul>

**description**

**article**

Rechargeable battery 12V/7,2Ah

0800000014

- Rechargeable battery 12V/7,2Ah

**Spare Parts RZ-24**

**description**

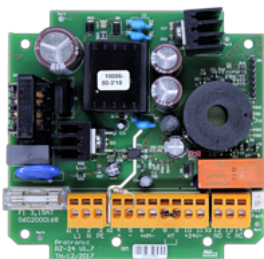
**article**



TG ABS 1212-6-o

0224000020

- empty housing
- measures WxHxD ca. 124x122x55 mm
- protection IP64



RZ8/24-circuit board + cover

0015000003

- individual board RZ-24
- energy supply + release device for hold open system
- 85V AC-265V AC 50/60 Hz



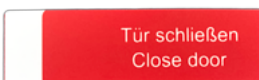
front panel RZ-24 HT  
neutral\_TG1212-6-o (Bopla)

1101000114

- Front panel for membrane keypad RZ-24 with release pushbutton

Slide-in "TÜR SCHLIEßEN / close door"

1105000027



**description**

**article**

front panel RZ-24-Powerpac

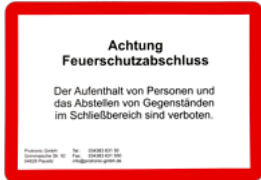
1101000083



- front panel for membrane keypad RZ-24 with Powerpac für TG ABS 2015-9-o

Sign: Attention Fire ProtectionClosure

1104000003



- Sign "Attention Fire ProtectionClosure"
- dimensions: 14,8 x 21 cm

Label hold-open system

1104000009

General construction technique permit Z-6.500-2436



- approval label hold-open system RZ-24-FA
- dimensions: 5,2 x 10,5 cm

Label hold-open system

1104000015

General construction technique permit Z-6.500-2435



- approval label hold-open system RZ-24-05-FA
- dimensions: 5,2 x 10,5 cm

TG ABS 2015-9-o, prepared for RZ-24+PP

0224000006



TG ABS 1608-6-o, prepared for PP

0224000011



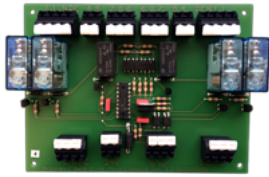
- empty housing TG ABS 1608-6-o, prepared for PP
- measures mm: 160x80x57
- protection IP64

**description**

**article**

board for motor controller MKB03 Rev.3.2

0603000130



board compl. MKB-S Rev1.2

0603000231



- board MKB-S for 230V motors with brake
- 24 V 6 W

ET218-F prepared for motor terminal box

0204000004



- empty casing ET218-F prepared for motor terminal box MKB03

**Spare Parts RZ3**

**description**

**article**

Folie RZ3 without motor,  
int, CC7000-casing (für FAA,FSA)

1101000029



- Folie RZ3 without motor, int, CC7000-caing (für FAA,FSA)






front panel RZ3 with motor,  
int, CC7000-casing, (für FAA, FSA)

1101000015



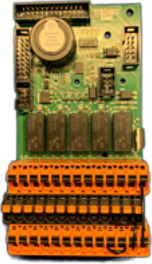
- front panel RZ3 with motor, int, CC7000-casing, (für FAA, FSA)



description	article
 <p>back cover RD7000-K, prepared for RZ3</p> <ul style="list-style-type: none"> <li>• back cover RD7000-K, bearbeitet RZ3</li> </ul>	0212000010
 <p>base part BC7000-0.5</p>	0212000016
 <p>front cover FD7000, prepared for RZ3</p> <ul style="list-style-type: none"> <li>• front cover FD7000, prepared for RZ3</li> </ul>	0212000008
 <p>metal sheet for BC7000</p> <ul style="list-style-type: none"> <li>• separating metal sheet for battery for RZ3</li> </ul>	0216000034
 <p>MC-EV-board+MC-Z, LM317+KK, (230V)</p> <ul style="list-style-type: none"> <li>• board energy supply MC-EV1+MC-Z, LM317+KK, (230V) für RZ3</li> </ul>	0006000001
<p>RZ3-MC-EV aBG 2022</p> <p>Power supply board of the RZ3</p> <ul style="list-style-type: none"> <li>• incl. connection board with fire alarm loop</li> </ul>	0006000007

**description**

**article**

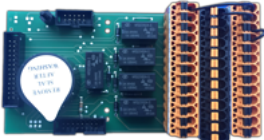


circuit board complete RZ3-MC-KL Rev. 2.4  
aBG 2022

0603000450

board MC-KL.3

060300049



- Circuit board MC-KL.3 for RZ3
- dimensions: 12.8 cm x 6.9 cm x 4.5 cm (W x D x H)
- terminal board for RZ3/4 with 5 relays for holding magnet circuit and potential-free contacts

Plat. MC-M.01

0603000264



MC-1.3-circuit board, aBG 2022  
Programming RSZ016\_Rev.1.3.3.

000800012

- Controller board for RZ3/RZ4
- Programming RSZ016\_Rev.1.3.3.
- Approval 2023: Z-6.510-2627/-2626