

When it gets hot ...

innovative and reliable prevention

RZ-24-05

„Maximum minimum“

Energy supply and release device for hold open systems



Compact, aesthetic, inconspicuous
and versatile to combine

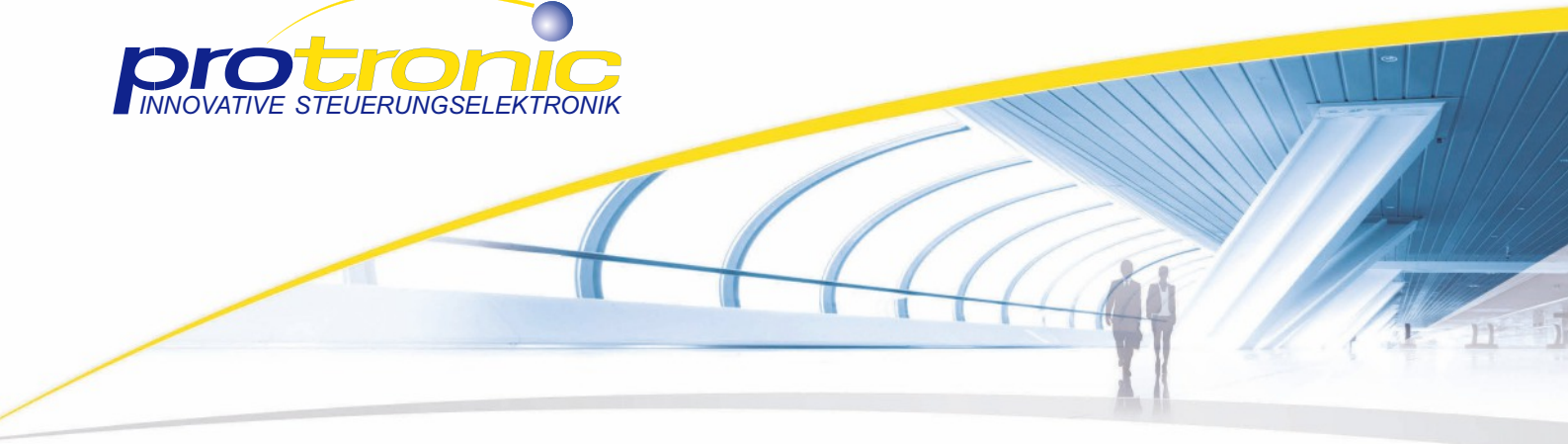
Energy supply

Release device
for hold open systems

For smoke and
heat detectors

For Ex smoke and heat detectors,
Ex hold open devices

protronic
INNOVATIVE STEUERUNGSELEKTRONIK



Hold-open system RZ-24-FA with energy supply and release device RZ-24-05
innovative and safe prevention

push buttons and potential-free release

Hold open system has to be releasable/ resettable manually.
Manual release option has to be available (VdS).

**Powerpac-
Emergency power supply**

With the use of a Powerpac, short-term mains failures can be bridged, e.g. until an emergency generator starts up. Keep-open time up to 3 min in case of 230 VAC mains voltage failure.

Smoke detectors and smoke switches

Use of various smoke detectors from different manufacturers is possible.


Release-LED

Signals fire alarm (red = release)

Hold-open magnet, closing-speed regulators, door closer, magnet brakes

Hold open devices from different manufacturers are connectable.

fire and smoke detector analysis

- reset via pushbutton 
- LED status display



Technical data

Power input:
Wide range 85 ... 264 VAC

Power consumption:
14 W

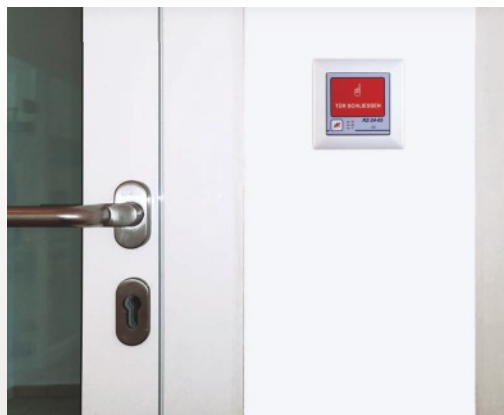
Output voltage:
24 VDC +10%

Output current:
max. 0,5 A

Ambient temperature:
+10°C - +40°C

Housing or electric switch installation frame

SURFACE-MOUNTED	FLUSH-MOUNTED
Ip30	Ip30
WxHxD 85x85x45	WxHxD 85x85x10
Frame cut-out: 55 mm x 55 mm	





Hold-open device RZ-24-FA with power supply unit and release device RZ-24-05

This fire protection control unit blends harmoniously and inconspicuously into any architectural environment. At the same time, it is in no way inferior to its big siblings in terms of application options and the variety of combinations of system components (see back page: System components).

The central power supply unit is the **core of the hold-open system**.

Casing and frame are individually interchangeable (frame cut-out 55 mm x 55 mm).



surface-mounted



flush-mounted



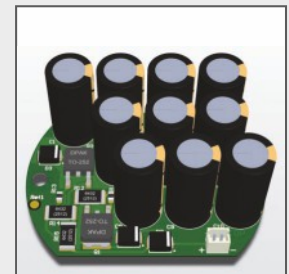
Manual release button with glass cover



WS-24-I flash-horn device



Smoke detector



Powerpac

EX Detectors and EX Hold-open devices in hazardous areas

Application in Ex-areas possible by use of special detectors and hold open devices.

Membrane keypad

- operating- and display-keypad according to the actual requirements of VdS (release only resettable manually on the operating keypad)

Power supply unit

- 24 V max. 0,5 A
- electronic overload protection
- short circuit protection
- green stand-by LED

More fire protection control systems



RZ3



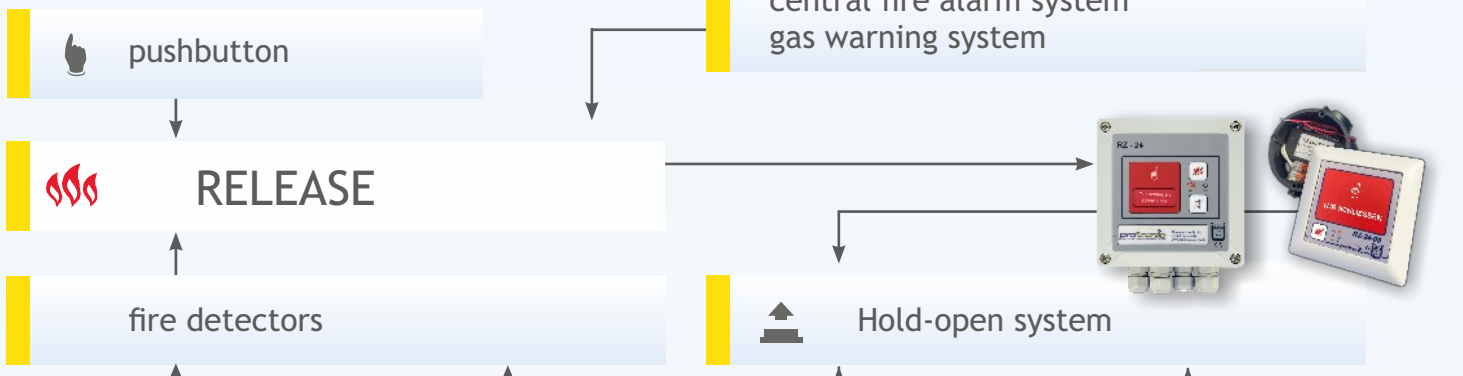
RZ-24



Approved and continuously controlled by: VdS Schadensverhütung in Cologne
Technically approved by: Deutsches Institut für Bautechnik (DIBt) Berlin

National technical approval no.: Z-6.510-2435
General construction technique permit no.: aBG Z-6.500-2436





Optical smoke detectors:

- HEKATRON**
ORS 142
ORS 142 W
MSD 523
ORS 155 F
- APOLLO**
S65 55000-317
S65 55000-317 mit S65 45681-249
ORB-OP-12001-APO
- DETECTOMAT**
CT 3000 O
OC05
- ESSER**
IQ8Quad-O 803 371
ES Detect O-800371
- GEZE**
GC 152
GC 172
- NOVAR**
SD-O 371

Fire detection element:

- ESTI**
SK 10

Ex-Zone1 and 2



Optical smoke detectors:

- HEKATRON**
ORS 142 EX
- ESSER**
IQ8Quad-O 803 371.EX mit Sicherheitsbarriere
- Apollo**
ORB-OP-52027-APO mit Sicherheitsbarriere

Multifunction detectors:

- ESSER**
IQ8Quad-O² T-MS-803 374.EX mit Sicherheitsbarriere
- SIEMENS**
FDOOT241-A9 EX

Heat detectors:

- DETECTOMAT**
CT 3000 T
TRC05
- ESSER**
IQ8Quad-TD 803 271
ES Detect O-800271
- HEKATRON**
UTD523
TDS 247
- MINIMAX**
UniVario WMX5000
- GEZE**
GC 153
- NOVAR**
FT-T 271
- HEKATRON**
UTD 523-1
TDS 247
- APOLLO**
ORB-HT-11001-APO
ORB-HT-11006-APO
55000-122
55000-122 mit Relais-sockel S65 45681-249

Multifunction detectors:

- ESSER**
IQ8Quad-O² T-MS-803 374
ES Detect O-800375
- SIEMENS**
FDOOT241-A9

Ex-Zone1 und 2



Heat detectors:

- ESSER**
IQ8Quad-TD 803 271.EX mit Sicherheitsbarriere
- MINIMAX**
UniVario WMX5000 EX
- APOLLO**
ORB-HT-51145-APO mit Sicherheitsbarriere

Hold open magnets for swing doors:

- ASSA ABLOY**
837
838
858
- DICTATOR**
GD4.10
GD5.10
GD6.10
GD6.13
GD7.10
GD50EX
GD70EX
EM GD 70R391EX2
- DORMAKABA**
EM 500 (A, G, U)
- HEKATRON**
THM 413
THM 425
THM 433
THM 439/185/335/485
THM 440
THM 443
THM 455 Ex
- KENDRION**
GT050 R...
GT060 R...
GT063 R...
GT070 R...
- HÖRMANN**
HHM50

Hold open magnets sliding closures:

- DICTATOR**
GD5.10...
GD6.10...
GD6.13...
GD7.10...
EM GD 50 EX
EM GD 70 EX
- HÖRMANN**
HHM50
- HEKATRON**
THM 413
THM 433
THM 439/185/335/485
THM 440
THM 445 EX
THM 455 EX
- KENDRION**
GT050 R...
GT060 R...
GT063 R...
GT070 R...
GT070R050.01 Ex

Door closer with electrical hold open system for double-leaf swing doors:

- ECO**
ECO IS-SR-EF
ECO SR-EF III
- DORMAKABA**
TS 93 GSR-EMF 1
TS 93 GSR-EMF 2
GSR-EMF 1
GSR-RMF 2
- GRETSCH UNITAS**
GS-FE-SRI OTS 73x
GS-FE-SRI OTS 73x B
GS-FE-SRI VTS 73x
FE-OTS 73x
FE-VTS 73x

Swing door drives with self-closing function.:

- DORMAKABA**
ED 100
ED 250
ED 250 PA
- GEZE**
TSA 160 NT F
TSA 160 NT F-IS
TSA 160 NT F-IS/TS
Slimdrive EMD-F
Slimdrive EMD-F-IS
Powerturn F
Powerturn F-IS
- ECO**
ETS 64-R
ETS 64-R SRI

Hold-open magnets for sliding closures, which are integrated in opening drives or/and closing speed regulators:

- Schnetz**
G770A56 am Laufregler LR 36 K-F
ATS 100-3-F
ATS 100-5-F
ATS 200-8-F
Steuerplatine SR
ATS 100-3-MOF-SR
ATS 200-8-MOF-SR
ATS 300-MOF-SR
ATS 400-MOF-SR
ATS 600-MOF-SR
ATS 900-MOF-SR
ATS 300-MOF-SR
ATS 400-MOF-SR
ATS 600-MOF-SR
ATS 900-MOF-SR
- KEB**
01.02.120-0317
01.02.120-0557
01.02.120-1187
02.02.130-0817
05.02.130-0577
05.02.130-1207
06.02.120-0267
06.02.120-4002
06.02.120-3627
06.02.120-5627
07.02.120-2817 (not authorised for RZ-24-05)
07.02.120-4000 (not authorised for RZ-24-05)
07.P1.120-0397 (not authorised for RZ-24-05)
08.P1.120-0207 (not authorised for RZ-24-05)
08.02.120-4001 (not authorised for RZ-24-05)
- DICTATOR**
EM GD 60 RB
- KENDRION (MARKTDORF)**
01.024.2 (SB2.2.x und SB2.3.x)
01.148.2 (SB3.3.x und SB3.2.x)
01.128.2 (SB2.4.1.x)
01.178.2 (SB4.1.2.x)

- GEZE**
TS 4000 E mit TS 4000 E-IS
TS 5000 E-ISM
E-ISM-Gleitschiene + TS 5000

Approval number:
Z-6.510-2428

General construction technique permit.:
aBG Z-6.500-2436

- tested and continuously monitored
- approved by the German Institute
for Building Technology DIBT Berlin