

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

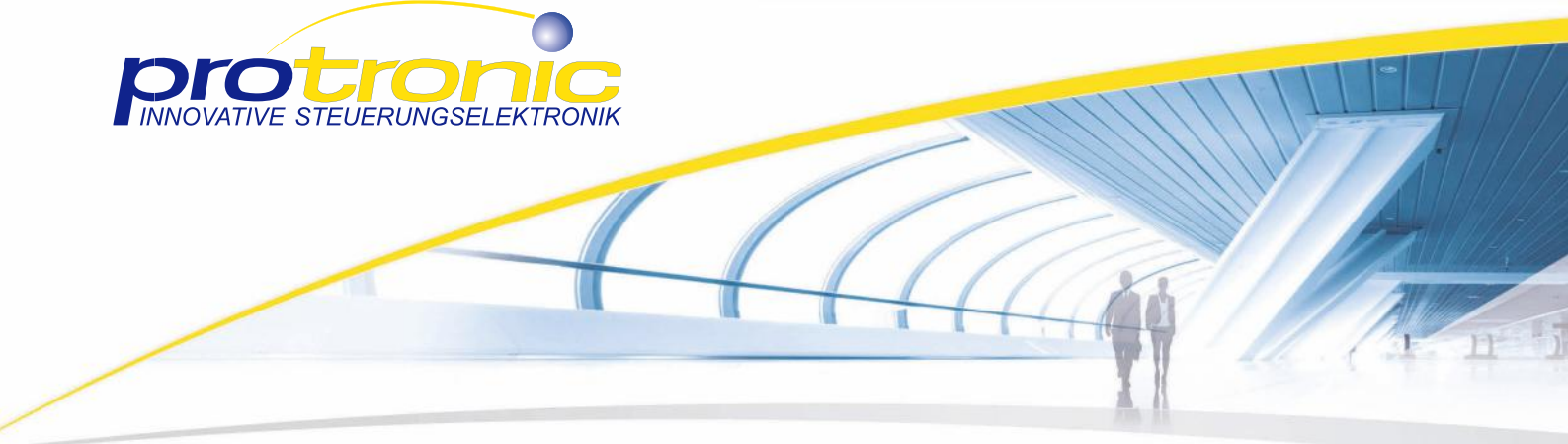
Energy supply

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**

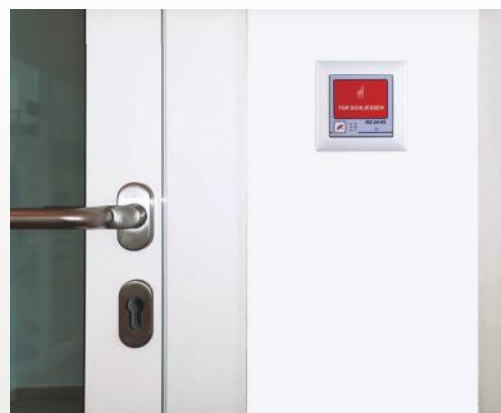
Ip30

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



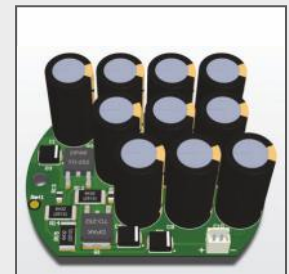
Manual release button with glass cover



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



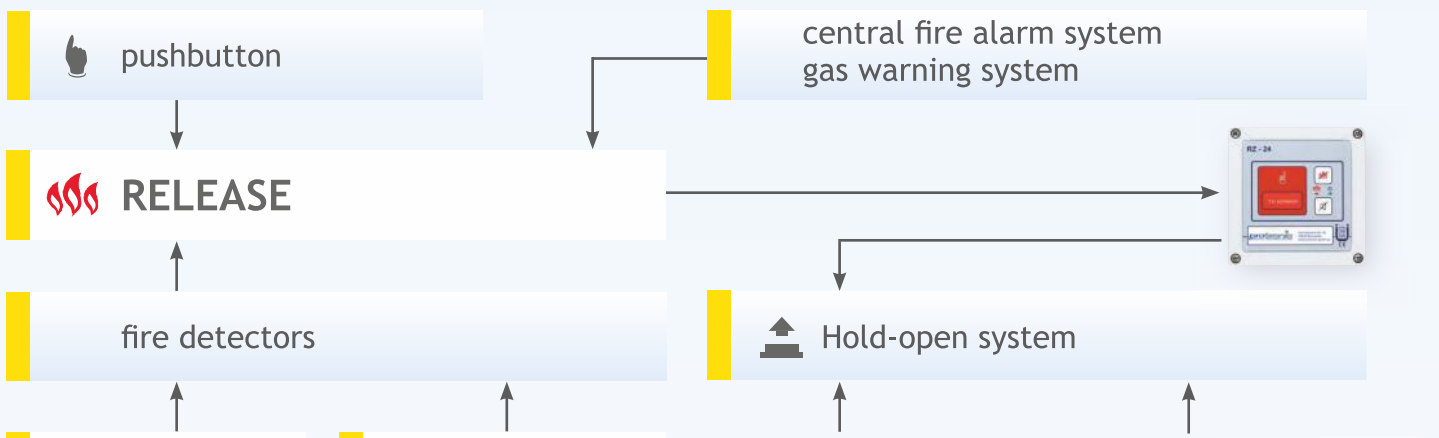
RZ-24



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





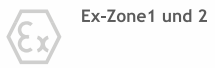
smoke

Optical smoke detectors:

HEKATRON
ORS 142
ORS 142 AT
ORS 142 MC
ORS 142 W
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
GEZE
GC 152
NOVAR
SD-O 371

Fire detection element:

ESTI
SK 10



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

temperature

Heat detectors:

DETECTOMAT
CT 3000 T
ESSER
IQ8Quad-TD 803 271
HEKATRON
UTD523
MINIMAX
UniVario WMX5000
GEZE
GC 153
NOVAR
FT-T 271
HEKATRON
TDS 247
TDS 247 MC
APOLLO
ORB-HT-11001-APO
ORB-HT-11006-APO
55000-122
55000-122 mit Relais-socket S65 45681-249

Multifunction detectors:

ESSER
IQ8Quad-O² T-MS-803 374
SIEMENS
FD00T241-A9



Heat detectors:

ESSER
IQ8Quad-TD 803 271.EX mit Sicherheitsbarriere
MINIMAX
UniVario WMX5000 EX
APOLLO
ORB-HT-11001-APO mit Sicherheitsbarriere

Hold open magnets for swing doors: Swing door drives with self-closing function.:

ASSA ABLOY
837
838
858
DETECTOMAT
GD4.10
GD5.10
GD6.10
GD6.13
GD7.10
GD50EX
GD70EX
EM GD 50 EX
EM GD 70 EX
EM GD 70R391EX2
DORMAKABA
EM 500 A
EM 500 G
EM 500 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...

DORMAKABA
ED 100
ED 250
ED 250 PA
GEZE
TSA 160 NT F
TSA 160 NT F-IS
TSA 160 NT F-IS/TS
TSA 160 NT F En7
TSA 160 NT F-IS En7
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:

Hold open magnets sliding closures:

DETECTOMAT
GD5.10...
GD6.10...
GD6.13...
GD7.10
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...

Schnetz
GT70A56 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-MOFE-SR
ATS 400-MOFE-SR
ATS 900-MOFE-SR
KEB
01.02.120-0317
02.02.130-0817
05.02.130-1207
06.02.120-4002
KENDRION (MARKTDORF)
01.024.2 (SB2.2.x und SB2.3.x)
01.148.2 (SB3.3.x)
01.128.2 (SB2.4.1.x)
01.178.2 (SB4.1.2.x)

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

ECO
ECO TS-61
ECO EF
ECO EF III
ECO IS EF
ECO FTS-63
ECO FTS III (Gr. 3-6)
GEZE
TS 550 E
TS 4000 E
TS 5000 E
TS 5000 E-FS
Boxer EFS, EN 4

GRETSCH UNITAS
GS-FE-OTS 73x
GS-FE-VTS 73x
DORMAKABA
G EMF
G96 EMF
BTS 80 EMB (Gr. 4, 5, 6)
BTS 80 FLB (Gr. 4, 5, 6)
TS 73 EMF (Gr. 4, 5, 6)
TS 73 EMF (Gr. 4, 5, 6) mit Freilaufgestänge
TS 99 FL

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

DORMAKABA
TS 93
ITS 96
TS 93 GSR-EMF 1
TS 93 GSR-EMF 2
GSR-EMF 1
GSR-RMF 2

GEZE
TS 5000 E-ISM
E-ISM-Gleitschiene
GRETSCH UNITAS
GS-FE-SRI OTS 73x
GS-FE-SRI OTS 73x BG
GS-FE-SRI VTS 73x
FE-OTS 73x
FE-VTS 73x
ECO
ECO IS-SR-EF
ECO SR-EF III



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