

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

Hold open system RZ-24-FA

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 10 min in case of 230 VAC mains voltage failure.

Smoke detectors

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

- Test via pushbutton 
- reset via pushbutton 
- horn confirm via pushbutton 
- LED status display
- potential-free contact to signal release
8 A / <math><250\text{ V}</math>-/AC1
relays fallen off = release



Technical data

- Power input:**
Wide range 85 ... 265 VAC
- Power consumption:**
30 W
- Output voltage:**
24 VDC +-5 %
- Output current:**
max. 0,9 A
- Ambient temperature:**
-25 °C ...+40 °C
- Casing:**
Spelsberg Ip64
W x H x D in mm: 124 x 122 x 55
transparent cover possible



Preventative technical fire protection

Energy supplies for hold open systems are an important component in technical fire protection.

The aim of concepts for technical fire protection is primarily to save human lives but also material and cultural assets.

The central energy supply is core of the hold open system RZ-24-FA.

New:

including an automatic reset device after a power failure and an extended ribbon cable for cable input from the top

EX Detectors and EX Hold-open devices in hazardous areas

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

High IP protection

By cable glands on the housing an IP code of IP64 can be reached. This allows the use in extreme ambient conditions like damp rooms.

Membrane keypad

- operating- and display-keypad according to the actual requirements of VdS (release only resettable manually on the operating keypad)
- individual design of the membrane keypad possible (own company logo)

Power supply unit

- 24 V max. 0,9 A
- electronic overload protection
- short circuit protection
- green stand-by LED

Alarm horn

Horn warning sound in case of fire alarm



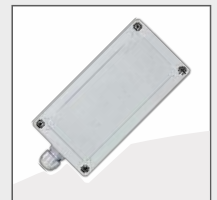
pushbutton and rocker switch with circuit board
3 sec. interruption for installation in holding-magnet loop



manual release button with glass cover



smoke detector



Powerpac 3, Ip64



RZ-24 with transparent cover



RZ-24 with Powerpac Type 3



RRZ-24 with tubular motor controller MKB03



Rz3



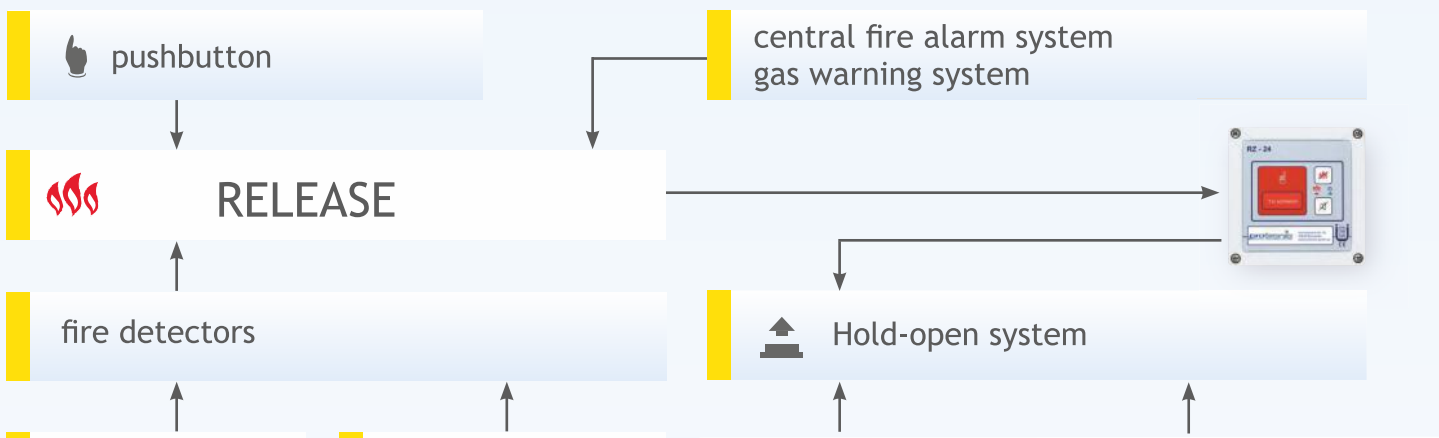
WSC-24-I



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

National technical approval no.: Z-6.510-2428
General construction technique permit no.: aBG Z-6.500-2436

certified according to DIN 12101-10 Smoke and heat control systems - Power supplies (e.g. smoke curtains)



smoke

temperature
65°C
50°C

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

Heat detectors:

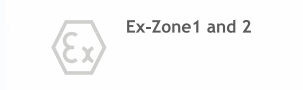
DETECTOMAT
CT 3000 T
ESSER
IQ8Quad-TD 803 271
HEKATRON
UTD523
MINIMAX
UniVario WMX5000
GEZE
GC 153
NOVAR
FT-T 271
HEKATRON
TDS 247
TDS 247 MC
APOLLO
ORB-HT-11001-APO
ORB-HT-11006-APO
55000-122
55000-122 mit Relais-
sockel S65 45681-249

Fire detection element:

ESTI
SK 10

Multifunction detectors:

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



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

Heat detectors:

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

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

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 SR

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...

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

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
07.02.120-2817
07.02.120-4000
07.P1.120-0397
08.P1.120-0207
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 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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