



QUIET

ESTHETIC

CLEAN

SAFE

PLEASANT

Explosion-proof products



Certified according to the ATEX
guideline 94/9/EG

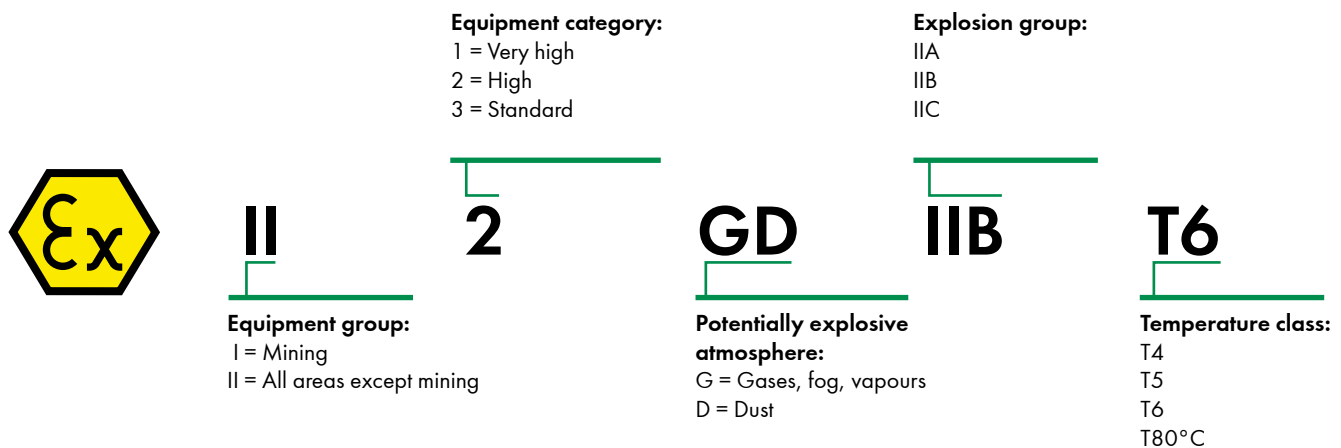


The European Parliament's ATEX product guideline for the legal use of equipment and protection systems in explosive areas stipulates regulations on how products used in explosive areas can be marketed. For the first time, non-electric equipment has also been included in this guideline. The guideline's aim is to protect people from the dangers of an explosion.

Schako offers a comprehensive range of ATEX-certified products, offering you planning dependability and legal protection for their use in explosion-protected areas.

ATEX designation key:

Equipment and protection systems for legal use in explosive areas – guideline 94/9/EG



Product line mineral wool silencers

MWK-Ex
 MWS-Ex
 MBK-Ex
 MBS-Ex

ATEX-certified:

Ex II 2 G IIB T6
 Ex II 2 D T80°C
 Ex II 3 G IIB T6
 Ex II 3 D T80°C

Each in the design:
 • Explosion-proof design



Product line duct silencers

RS-Ex
 RSM-Ex

ATEX-certified:

Ex II 2 G IIB T6
 Ex II 2 D T80°C
 Ex II 3 G IIB T6
 Ex II 3 D T80°C

Each in the design:
 • Explosion-proof design



SCHAKO product lines with ATEX certification:

- Fire dampers
- Damper flaps
- Particle filter units
- Multi-leaf dampers
- Mechanical volumetric flow controllers
- Mineral wool silencers
- Duct silencers

Product line fire dampers

BKA-EN-Ex
BSK-RPR-Ex
BSK-RPR-G-Ex



BKA-EN-Ex

ATEX-certified:

II 2 G IIB T6
II 2 D T80°C
II 3 G IIB T6
II 3 D T80°C

Each in the designs:

- with manual operation via soldered release
- with manual operation via soldered release and ATEX end switch
- with ATEX-certified actuators:
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches 5° / 85°, 5/10 Nm, with terminal box and temperature activator
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches 5° / 85°, 15 Nm, with terminal box and temperature activator

BK-188-Ex



BK-188-Ex

ATEX-certified:

II 3 GD IIB T4 T135°C

Each in the designs:

- with ATEX-certified actuators:
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches 5° / 85°, 5/10 Nm, with terminal box and temperature activator
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches 5° / 85°, 15 Nm, with terminal box and temperature activator

Product line particle filter units

FK-FF-Ex



FK-FF-Ex

ATEX-certified:

II 2 G IIB T6
II 2 D T80°C
II 3 G IIB T6
II 3 D T80°C

Each in the design:

- with shutoff damper via manual operation
- with shutoff damper via manual operation and ATEX end switch
- with ATEX-certified actuators:
 - with actuator 24...230 VAC/DC, open-shut, 3-pt., 5/10 Nm
 - with actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches, 5/10 Nm
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., 5/10 Nm
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches, 5/10 Nm

Product line mechanical volumetric flow controllers

VRM-R-Ex
VRM-Q-Ex

ATEX-certified:

 **II GD Ex c IIB T6 80°C X**

- Each in the design:
- in explosion-proof design



VRM-Q-Ex

Product line multi-leaf dampers

HKU-Ex
HKP-Ex
JK-LU-Ex
JK-LP-Ex

ATEX-certified:

 **II 2 G IIB T6**

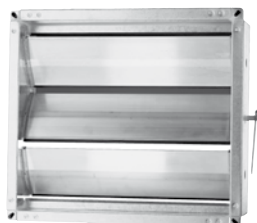
 **II 2 D T80°C**

 **II 3 G IIB T6**

 **II 3 D T80°C**

Each in the designs:

- with manual operation
- with manual operation and ATEX end switch
- with ATEX-certified actuators:
 - with actuator 24...230 VAC/DC, open-shut, 3-pt., 5/10 Nm
 - with actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches, 5/10 Nm
 - with actuator 24...230 VAC/DC, open-shut, 3-pt., 15/30 Nm
 - with actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches, 15/30 Nm
 - with actuator 24...230 VAC/DC, 3-pt., 0-10VDC, feedback signal 0-10 VDC, 5/10 Nm
 - with actuator 24...230 VAC/DC, 3-pt., 0-10VDC, feedback signal 0-10 VDC, 15 Nm
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., 5/10 Nm
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches 5/10 Nm
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., 15 Nm
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches, 15 Nm
 - with spring return actuator 24...230 VAC/DC, 3-pt., 0-10VDC, feedback signal 0-10 VDC, 5/10 Nm
 - with spring return actuator 24...230 VAC/DC, 3-pt., 0-10VDC, feedback signal 0-10 VDC, 15 Nm



JK-LP/JK-LU-Ex

Product line damper flaps

DKA-Ex
DKB-Ex
DKA-L-Ex

ATEX-certified:

 **II 2 G IIB T6**

 **II 2 D T80°C**

 **II 3 G IIB T6**

 **II 3 D T80°C**

Each in the designs:

- With manual operation
- With manual operation and ATEX end switch
- with ATEX-certified actuators:
 - with actuator 24...230 VAC/DC, open-shut, 3-pt., 5/10 Nm
 - with actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches, 5/10 Nm
 - with actuator 24...230 VAC/DC, 3-pt., 0-10VDC, feedback signal 0-10 VDC, 5/10 Nm
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., 5/10 Nm
 - with spring return actuator 24...230 VAC/DC, open-shut, 3-pt., with 2 limit switches, 5/10 Nm
 - with spring return actuator 24...230 VAC/DC, 3-pt., 0-10VDC, feedback signal 0-10 VDC, 5/10 Nm



DKA-DKB-Ex