



Control unit

Features

- 4 voltage free contacts
- 3-line LCD display
- LED status display
- Modular design
- Fail-safe control

Description

The control unit APEX 2003.001 controls and monitors the purging and operating cycle of standard enclosures and is intended for mounting inside the enclosure.

Purging gas input is via a digital valve up to NW 7.7 (74 m³/h) or a proportional valve up to NW 2 (5 m³/h).

The purge time is set at the control module via a turn switch, the setting of the pushbutton values is via pushbutton or RS 485 interface.

The control unit provides 4 freely programmable relay outputs.

Technical data

Guidelines/norms/certifications

Directive 2004/108/EC
Directive 94/9/EC

Construction

Ex e protective enclosure

Enclosure material

glass-fibre reinforced polyester

Protection class

IP 65

Terminals

2.5 mm², fine stranded

Purging time

0 to 99 min; 5 sec. dropout delay

Weight

3.8 kg

Electrical data

Supply voltage

AC 230 V (AC 115 V) ±10%

Power consumption

P_v = 8 W/230 V

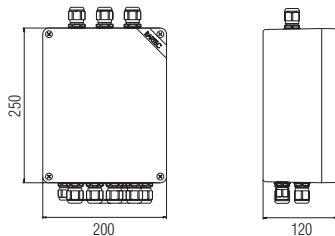
Make contact

K 2/3, 5 A for cos φ = 1
K 4 and K 5, voltage free

Temperature switching value (optional)

0 °C to +80 °C

Dimensions/mounting positions



Explosion protection

Ex protection type

Ex II 2(1)G Ex e d ib [ia Ga px] IIC T4/T6
or
Ex e d [ia Ga px] IIC T6

Certification

DMT 99 ATEX E082
INMETRO 2004 EC02 CP042

Ambient temperature

-20 °C to +40 °C

Selection chart 7 W version

Version	Code no.
230 V	1
115 V	2

07-3711-1210 / 010
Complete order no.

Please enter code number.

Selection chart 15 W version

Version	Code no.
230 V	1
115 V	2

07-3711-1210 / 099
Complete order no.

Please enter code number.

Wiring diagram/terminal assignment

