

Pressure controller QUINGUARD®



Patented and ATEX approved Overpressure controller for Overpressure systems

Overpressure

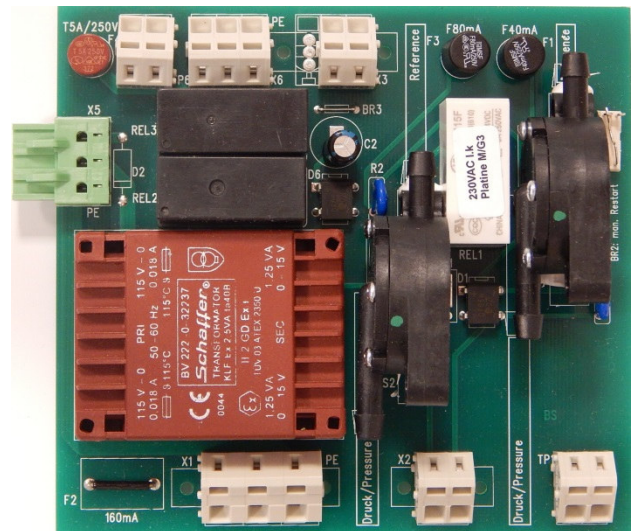


- No flushing necessary
- Installation inside the overpressure enclosure
- DIN rail mounting
- Easy operation without programming
- Low price operation
- Cost savi

Description

The newly developed pressure switch unit QUINGUARD® QSU allows the use of non-ex components directly in zone 1 / 21 or 2/22 in connection with a pressurized enclosure. It is used for switching services. With an approved gas detector the control cabinet measure free. The QUINGUARD® QSU will powered and pressurized the control cabinet. After reaching the pressure the build ins switched on. Then the QUINGUARD® QSU controls the inner pressure inside of the control cabinet. If the pressure drops down under the internal pressure level all connected electric consumers in zone 1 switched off.

Only an alarm will be created by an Zone 2 application.



Possible Application

- Enclosure with HMI's
- Enclosure in all different sizes
- Analyzer
- Fill-up system
- Dosing system
- Painting system
- Temperature control units

Technical Data:

Dimension (mm):	125 x 104 x 58,5mm
Fixing:	mounted in profile rail mounting TS 35
Ambient temperature:	-25°C bis +70°C
Switching capacity:	max. 5 A (AC or DC)
Monitored pressure:	5 mbar

Certificates

ATEX, IECEx

Marking

Pressure controller:
nach ATEX

Ex II 2G sb IIC T4 Gb in acc.IECEx
Ex II 2D sb IIIC T120°C Db in acc.IECEx

Pressure controller System (in enclosure):

Ex II 2G sb IIC T4 Gb
Ex II 2D sb IIIC T120°C Db

Power:

DC 24 Volt

AC 115 Volt 50/60 Hz

AC 230 Volt 50/60 Hz