3006200039

VSP-5004/2

Ex Buffer Unit w 2x Zener Barrier

- ⊘ Intrinsically safe buffer unit for mounting in safe area
- ⊘ Supports up to 4 Ex(i) telephones - VSP-512
- ⊘ 4x 24V DC outputs to Ex signal units
- ⊘ 4 call signal outputs to safe area
- ⊘ Delivered in a pained steel cabinet for wall mounting
- ⊘ Preinstalled 2 zener barriers (4 ext.) for 24V DC I.S. sounders in zone 0
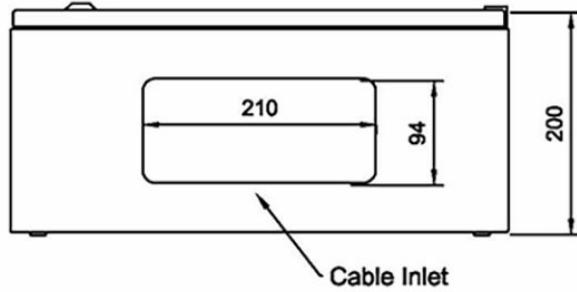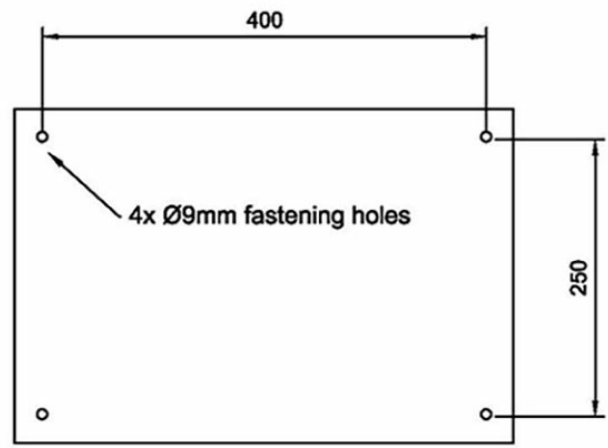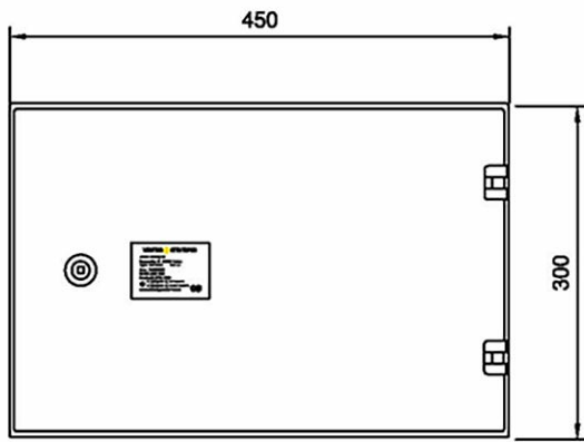- ⊘ (½ x zener barrier for each sounder)

⚠ Atex

Description

Ensures uninterupted communication between Ex- and safe zone in a Batteryless telephone system (VSP). To be mounted in Safe area with Barriers into the Hazardous (Ex) area. It accommodates up to 4 Batteryless telephones within the system, enabling seamless communication. Call signals are distributed in the Hazardous area via EX(d) signal units controlled by relay outputs. Encased in a durable pained steel cabinet designed for wall mounting. It is preinststalled with 2 zener barriers (4 extention numbers) for 24V DC sounders in zone 0 guaranteeing reliable operation and enhanced safety in hazardous environments.

- ⊘ Type Nos. for buffer units with other configurations:
- ⊘ VSP-5004 with no additional zener barriers (Only Ex(d) sounders)
- ⊘ VSP-5004/1 with 1x zener barrier (2 ext. No./ I.S. Sounder)

Technical Dimensions

Front View

450 (width)
300 (height)

Rear View

400 (top)
250 (right side)

4x Ø9mm fastening holes

Side View

210
94
200

Cable Inlet

ATEX Approval

ⒺⓍ ATEX Approved product

Certification body	Nemko
Certificate no.	Nemko: 05 ATEX 1059
Protection system	II (1)G [EEx ia] IIC Ta: 60°C

Specifications

Dimensions (WxHxD)	450 x 300 x 200 mm
Mounting	Wall mounted
Weight	11.0 kg
Housing	Steel cabinet
Color	Beige / RAL 7032
Cable entry	Pre-cut cable inlet in bottom
Connections	Screw terminals
Operation voltage	24V DC
Power Consumption	10W (max)
Protection mode	Ex II (1) G EEx ia IIC T6
Certificate	Presafe 15 ATEX 6475 / IECEx PRE 15.0024
IP-rating	IP-44

Used With

VSP-512

Instrinsically Safe Operating Unit

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